



# STIC Search Report

## EIC 2100

STIC Database Tracking Number: 118434

TO: Hanh B Thai  
Location: 4C03  
Art Unit : 2171  
Friday, April 02, 2004

Case Serial Number: 09/986733

From: Terese Esterheld  
Location: EIC 2100  
PK2-4B30  
Phone: 308-7795

[Terese.esterheld@uspto.gov](mailto:Terese.esterheld@uspto.gov)

### Search Notes

Dear Examiner Thai,

Attached, please find the results of your search request for application 09/986733. I have concentrated on finding information on the for main points listed on the request. Also, per our conversation, I have included PIPE or partial evaluation.

Please look over the complete package as items not marked may also be of value to you.

Please let me if you need additional information on this search.

Thank you for coming to EIC 2100.

Terese Esterheld



Set	Items	Description
S1	1	AU='RAMAKRISHNAN N'
File 347:	JAPIO Nov 1976-2003/Nov(Updated 040308)	
	(c) 2004 JPO & JAPIO	
File 348:	EUROPEAN PATENTS 1978-2004/Mar W03	
	(c) 2004 European Patent Office	
File 349:	PCT FULLTEXT 1979-2002/UB=20040325, UT=20040318	
	(c) 2004 WIPO/Univentio	
File 350:	Derwent WPIX 1963-2004/UD, UM &UP=200419	
	(c) 2004 Thomson Derwent	

1/5/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

015523389 \*\*Image available\*\*  
WPI Acc No: 2003-585537/200355  
XRPX Acc No: N03-466148

**Systematic modelling method for information systems, involves creating personalization system by partial evaluation of program to produce simplified program, and generating information space in user interface**

Patent Assignee: RAMAKRISHNAN N (RAMA-I)

Inventor: **RAMAKRISHNAN N**

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030090513	A1	20030515	US 2001986733	A	20011109	200355 B

Priority Applications (No Type Date): US 2001986733 A 20011109

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030090513	A1		29	G09G-005/00	

Abstract (Basic): US 20030090513 A1

NOVELTY - The method involves modeling information-seeking interaction sequences with an information system, where each sequence denotes a possible dialog between a user and the system. The sequences are represented in a computer program. A personalization system is created by partial evaluation of the program, to produce a simplified program using which a personalized information space is generated in a user interface.

USE - Used for information personalization in information systems.

ADVANTAGE - The method promotes out-of-turn interaction without predefining the points where such interaction can take place and permits mixed-initiative interaction without hardwiring the ways in which the initiative could be mixed. The method automatically adjusts information content structure and presentation to an individual user of the information.

DESCRIPTION OF DRAWING(S) - The drawing shows the steps in the personalization is partial evaluation (PIPE) method.

pp; 29 DwgNo 11/11

Title Terms: SYSTEMATIC; MODEL; METHOD; INFORMATION; SYSTEM; SYSTEM;  
EVALUATE; PROGRAM; PRODUCE; SIMPLIFY; PROGRAM; GENERATE; INFORMATION;  
SPACE; USER; INTERFACE

Derwent Class: P85; T01

International Patent Class (Main): G09G-005/00

File Segment: EPI; EngPI

Set	Items	Description
S1	514	AU=(RAMAKRISHNAN, N? OR RAMAKRISHNAN N?)
S2	1	S1 AND WEB() (CONTENT OR INFORMATION)
S3	8	S1 AND (PIPE OR PARTIAL() EVALUATION)
S4	3	S1 AND WEB() PERSONAL?
S5	8	S2 OR S3 OR S4
File	2:INSPEC 1969-2004/Mar W3	(c) 2004 Institution of Electrical Engineers
File	6:NTIS 1964-2004/Mar W4	(c) 2004 NTIS, Intl' Cpyrght All Rights Res
File	8:EI Compendex(R) 1970-2004/Mar W3	(c) 2004 Elsevier Eng. Info. Inc.
File	34:SciSearch(R) Cited Ref Sci 1990-2004/Mar W3	(c) 2004 Inst for Sci Info
File	35:Dissertation Abs Online 1861-2004/Mar	(c) 2004 ProQuest Info&Learning
File	65:Inside Conferences 1993-2004/Mar W4	(c) 2004 BLDSC all rts. reserv.
File	92:IHS Intl.Stds.& Specs. 1999/Nov	(c) 1999 Information Handling Services
File	94:JICST-EPlus 1985-2004/Mar W2	(c)2004 Japan Science and Tech Corp(JST)
File	95:TEME-Technology & Management 1989-2004/Mar W2	(c) 2004 FIZ TECHNIK
File	99:Wilson Appl. Sci & Tech Abs 1983-2004/Feb	(c) 2004 The HW Wilson Co.
File	103:Energy SciTec 1974-2004/Mar B2	(c) 2004 Contains copyrighted material
File	144:Pascal 1973-2004/Mar W3	(c) 2004 INIST/CNRS
File	202:Info. Sci. & Tech. Abs. 1966-2004/Feb 27	(c) 2004 EBSCO Publishing
File	233:Internet & Personal Comp. Abs. 1981-2003/Sep	(c) 2003 EBSCO Pub.
File	239:Mathsci 1940-2004/May	(c) 2004 American Mathematical Society
File	275:Gale Group Computer DB(TM) 1983-2004/Apr 02	(c) 2004 The Gale Group
File	434:SciSearch(R) Cited Ref Sci 1974-1989/Dec	(c) 1998 Inst for Sci Info
File	647:CMP Computer Fulltext 1988-2004/Mar W3	(c) 2004 CMP Media, LLC
File	674:Computer News Fulltext 1989-2004/Mar W3	(c) 2004 IDG Communications
File	696:DIALOG Telecom. Newsletters 1995-2004/Apr 01	(c) 2004 The Dialog Corp.

5/5,K/1 (Item 1 from file: 2)

DIALOG(R) File 2:INSPEC

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7273713 INSPEC Abstract Number: C2002-06-6180-018

**Title: Mixed-initiative interaction = mixed computation**

Author(s): Ramakrishnan, N. ; Capra, R.; Perez-Quinones, M.A.

Author Affiliation: Dept. of Comput. Sci., Virginia Polytech. Inst. & State Univ., Blacksburg, VA, USA

Journal: SIGPLAN Notices Conference Title: SIGPLAN Not. (USA) vol.37, no.3 p.119-30

Publisher: ACM,

Publication Date: March 2002 Country of Publication: USA

CODEN: SINODQ ISSN: 0362-1340

SICI: 0362-1340(200203)37:3L:119:MIIM;1-J

Material Identity Number: S202-2002-005

Conference Title: 2002 ACM SIGPLAN Workshop on Partial Evaluation and Semantics-Based Program Manipulation (PEPM'02)

Conference Sponsor: ACM

Conference Date: 14-15 Jan. 2002 .. Conference Location: Portland, OR, ... USA

Language: English Document Type: Conference Paper (PA); Journal Paper (JP)

Treatment: Practical (P)

Abstract: We show that **partial evaluation** can be usefully viewed as a programming model for realizing mixed-initiative functionality in interactive applications. Mixed-initiative interaction between two participants is one where the parties can take turns at any time to change and steer the flow of interaction. We concentrate on the facet of mixed-initiative referred to as 'unsolicited reporting' and demonstrate how out-of-turn interactions by users can be modeled by 'jumping ahead' to nested dialogs (via **partial evaluation**). Our approach permits the view of dialog management systems in terms of their support for staging and simplifying interactions. We characterize three different voice-based interaction technologies using this viewpoint. In particular, we show that the built-in form interpretation algorithm in the VoiceXML dialog management architecture is actually a (well disguised) combination of an interpreter and partial evaluator. (17 Refs)

Subfile: C

Descriptors: interactive programming; **partial evaluation** (compilers); ... program interpreters; programming environments

Identifiers: mixed-initiative interaction; programming environments; **partial evaluation**; interaction sequences; dialog management; VoiceXML; form interpretation algorithm

Class Codes: C6180 (User interfaces); C6150C (Compilers, interpreters and other processors); C6115 (Programming support); C6110 (Systems analysis and programming)

Copyright 2002, IEE

Author(s): Ramakrishnan, N. ; Capra, R.; Perez-Quinones, M.A.

Abstract: We show that **partial evaluation** can be usefully viewed as a programming model for realizing mixed-initiative functionality in interactive applications. Mixed...

... how out-of-turn interactions by users can be modeled by 'jumping ahead' to nested dialogs (via **partial evaluation**). Our approach permits the view of dialog management systems in terms of their support for staging and ...

...Descriptors: **partial evaluation** (compilers

...Identifiers: **partial evaluation** ; ...

5/5,K/2 (Item 2 from file: 2)

DIALOG(R) File 2:INSPEC

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6798849 INSPEC Abstract Number: C2001-02-7210N-030

**Title:** PIPE : Web personalization by partial evaluation  
**Author(s):** Ramakrishnan, N.  
**Author Affiliation:** Virginia Polytech. Inst. & State Univ., Blacksburg,  
VA, USA  
**Journal:** IEEE Internet Computing vol.4, no.6 p.21-31  
**Publisher:** IEEE,  
**Publication Date:** Nov.-Dec. 2000 **Country of Publication:** USA  
**CODEN:** IICOFX **ISSN:** 1089-7801  
**SICI:** 1089-7801(200011/12)4:6L:21:PPPE;1-J  
**Material Identity Number:** F277-2000-006  
**U.S. Copyright Clearance Center Code:** 1089-7801/2000/\$10.00  
**Language:** English **Document Type:** Journal Paper (JP)  
**Treatment:** Practical (P)

**Abstract:** **Partial evaluation** is a technique popular in the programming languages community. It is applied here as a methodology for personalizing **Web content**. **PIPE** (Personalization is **Partial Evaluation**) is able to personalize Web resources, without enumerating the interaction sequences beforehand. It supports information integration, and varying levels of input by Web visitors. **PIPE** models personalization as a form of **partial evaluation**, a technique that uses incomplete input information to specialize programs. This article describes the **PIPE** methodology and presents experimental results demonstrating its effectiveness in two different domains. (18 Refs)

**Subfile:** C

**Descriptors:** information resources; online front-ends; **partial evaluation** (compilers)

**Identifiers:** **PIPE** ; **Web personalization** ; **partial evaluation** ; **Web content** ; Personalization is **Partial Evaluation** ; Web resources; interaction sequences; information integration; incomplete input information

**Class Codes:** C7210N (Information networks); C7250N (Search engines); C6150C (Compilers, interpreters and other processors)  
Copyright 2001, IEE

**Title:** PIPE : Web personalization by partial evaluation  
**Author(s):** Ramakrishnan, N.

**Abstract:** **Partial evaluation** is a technique popular in the programming languages community. It is applied here as a methodology for personalizing **Web content**. **PIPE** (Personalization is **Partial Evaluation**) is able to personalize Web resources, without enumerating the interaction sequences beforehand. It supports information integration, and varying levels of input by Web visitors. **PIPE** models personalization as a form of **partial evaluation**, a technique that uses incomplete input information to specialize programs. This article describes the **PIPE** methodology and presents experimental results demonstrating its effectiveness in two different domains.

...**Descriptors:** **partial evaluation** (compilers)

**Identifiers:** **PIPE** ; ...

... **Web personalization** ; ...

... **partial evaluation** ; ...

... **Web content** ; ...

...Personalization is **Partial Evaluation** ;

5/5,K/3 (Item 1 from file: 8)  
DIALOG(R).File .8:Ei Compendex(R)  
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06383018 E.I. No: EIP03207470947

**Title:** Personalizing web sites with mixed-initiative interaction  
**Author:** Perugini, Saverioz; Ramakrishnan, Naren  
**Source:** IT Professional v 5 n 2 March/April 2003. p 9-15  
**Publication Year:** 2003

CODEN: IPMAFM ISSN: 1520-9202

Language: English

Document Type: JA; (Journal Article) Treatment: G; (General Review)

Journal Announcement: 0305W3

Abstract: The XLST transformation approach enables to unify other forms of Web site personalization. By using this approach, it is possible to support multiple modes of drilling down and rolling up the hierarchy by **partial evaluation**, weeding out the unneeded individual queries.  
(Edited abstract)

Descriptors: \*Websites; Human computer interaction; Information technology; Electronic commerce; Web browsers; User interfaces; HTTP; C (programming language); Algorithms; Program translators; Computer simulation; XML; Software prototyping

Identifiers: Mixed initiative reaction; Unified resource language; Hyperlink structure; Program transformation algorithm

Classification Codes:

723.1.1 (Computer Programming Languages)

723.5 (Computer Applications); 722.2 (Computer Peripheral Equipment);

723.1 (Computer Programming); 723.2 (Data Processing)

723 (Computer Software, Data Handling & Applications); 722 (Computer Hardware)

72 (COMPUTERS & DATA PROCESSING)

Author: Perugini, Saverio; Ramakrishnan, Naren

...Abstract: approach, it is possible to support multiple modes of drilling down and rolling up the hierarchy by **partial evaluation**, weeding out the unneeded individual queries. (Edited abstract)

5/5,K/4 (Item 2 from file: 8)

DIALOG(R) File 8: Ei Compendex(R)

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06140668 E.I. No: EIP02397101416

Title: Mixed-initiative interaction = mixed computation

Author: Ramakrishnan, Naren ; Capra, Robert; Perez-Quinones, Manuel A.

Corporate Source: Dept. of Computer Science Virginia Tech, Blacksburg, VA 24061, United States

Conference Title: 2002 ACM SIGPLAN Workshop on Partial Evaluation and Semantics-Based Program Manipulation (PEPM'02)

Conference Location: Portland, OR, United States Conference Date: 20020114-20020115

Sponsor: ACM; SIGPLAN

E.I. Conference No.: 59592

Source: Proceedings of the ACM SIGPLAN Symposium on Partial Evaluation and Semantics-Based Program Manipulation 2002. p 119-130

Publication Year: 2002

Language: English

Document Type: CA; (Conference Article) Treatment: G; (General Review)

Journal Announcement: 0209W5

Abstract: We show that **partial evaluation** can be usefully viewed as a programming model for realizing mixed-initiative functionality in interactive applications. Mixed-initiative interaction between two participants is one where the parties can take turns at any time to change and steer the flow of interaction. We concentrate on the facet of mixed-initiative referred to as 'unsolicited reporting' and demonstrate how out-of-turn interactions by users can be modeled by 'jumping ahead' to nested dialogs (via **partial evaluation**). Our approach permits the view of dialog management systems in terms of their support for staging and simplifying interactions; we characterize three different voice-based interaction technologies using this viewpoint. In particular, we show that the built-in form interpretation algorithm (FIA) in the VoiceXML dialog management architecture is actually a (well disguised) combination of an interpreter and a partial evaluator. 17 Refs.

Descriptors: \*Semantics; Interactive computer systems; Mathematical models; User interfaces; Algorithms

Identifiers: Mixed initiative interaction; Mixed computation

Classification Codes:  
903.2 (Information Dissemination); 722.4 (Digital Computers & Systems);  
921.6 (Numerical Methods); 722.2 (Computer Peripheral Equipment)  
903 (Information Science); 722 (Computer Hardware); 921 (Applied  
Mathematics)  
90 (ENGINEERING, GENERAL); 72 (COMPUTERS & DATA PROCESSING); 92  
(ENGINEERING MATHEMATICS)

Author: **Ramakrishnan, Naren** ; Capra, Robert; Perez-Quinones, Manuel A.

Abstract: We show that **partial evaluation** can be usefully viewed as a programming model for realizing mixed-initiative functionality in interactive applications. Mixed...

...how out-of-turn interactions by users can be modeled by 'jumping ahead' to nested dialogs (via **partial evaluation**). Our approach permits the view of dialog management systems in terms of their support for staging and...

5/5,K/5 (Item 3 from file: 8)

DIALOG(R) File 8:EI Compendex(R)

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05760593 E.I. No: EIP01015478872

Title: PIPE : Web personalization by partial evaluation

Author: **Ramakrishnan, Naren**

Corporate Source: Virginia Polytechnic Inst and State Univ

Source: IEEE Internet Computing v 4 n 6 Nov 2000. p 21-31

Publication Year: 2000

CODEN: IICOFX ISSN: 1089-7801

Language: English

Document Type: JA; (Journal Article) Treatment: G; (General Review)

Journal Announcement: 0102W5

Abstract: Personalization Is **Partial Evaluation** ( **PIPE** ) is a customizable methodology to personalize Web resources. It models personalization as a form of **partial evaluation**. This article describes the **PIPE** methodology and presents experimental results demonstrating its effectiveness in two different domains. 12 Refs.

Descriptors: \*World Wide Web; Security of data; Data privacy; Websites; Search engines; Information retrieval; Algorithms; Interfaces (computer); Data mining; Data structures

Identifiers: **Web personalization ; Partial evaluation ; Collaborative filtering technique; Web pages**

Classification Codes:

723.5 (Computer Applications); 723.2 (Data Processing); 723.1 (Computer Programming); 722.2 (Computer Peripheral Equipment)

723 (Computer Software); 722 (Computer Hardware)

72 (COMPUTERS & DATA PROCESSING)

Title: PIPE : Web personalization by partial evaluation

Author: **Ramakrishnan, Naren**

Abstract: Personalization Is **Partial Evaluation** ( **PIPE** ) is a customizable methodology to personalize Web resources. It models personalization as a form of **partial evaluation**. This article describes the **PIPE** methodology and presents experimental results demonstrating its effectiveness in two different domains. 12 Refs.

Identifiers: **Web personalization ; Partial evaluation ; Collaborative filtering technique; Web pages**

5/5,K/6 (Item 1 from file: 34)

DIALOG(R) File 34:SciSearch(R) Cited Ref Sci

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10569088 Genuine Article#: 544GE Number of References: 17

Title: **Mixed-initiative interaction = mixed computation**

Author(s): **Ramakrishnan N (REPRINT)** ; Capra R; Perez-Quinones MA



Corporate Source: Virginia Tech, Dept Comp Sci, Blacksburg//VA/24061  
(REPRINT); Virginia Tech, Dept Comp Sci, Blacksburg//VA/24061  
Journal: ACM SIGPLAN NOTICES, 2002, V37, N3 (MAR), P119-130  
ISSN: 0362-1340 Publication date: 20020300  
Publisher: ASSOC COMPUTING MACHINERY, 1515 BROADWAY, NEW YORK, NY 10036 USA  
Language: English Document Type: ARTICLE  
Geographic Location: USA  
Journal Subject Category: COMPUTER SCIENCE, SOFTWARE ENGINEERING

Abstract: We show that **partial evaluation** can be usefully viewed as a programming model for realizing mixed-initiative functionality in interactive applications. Mixed-initiative interaction between two participants is one where the parties can take turns at any time to change and steer the flow of interaction. We concentrate on the facet of mixed-initiative referred to as 'unsolicited reporting' and demonstrate how out-of-turn interactions by users can be modeled by 'jumping ahead' to nested dialogs (via **partial evaluation**), Our approach permits the view of dialog management systems in terms of their support for staging and simplifying interactions; we characterize three different voice-based interaction technologies using this viewpoint. In particular, we show that the built-in form interpretation algorithm (FIA) in the VoiceXML dialog management architecture is actually a (well disguised) combination of an interpreter and a partial evaluator.

Descriptors--Author Keywords: mixed-initiative interaction ; **partial evaluation** ; interaction sequences ; dialog management ; VoiceXML

Cited References:

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ALLEN J, 1999, V14, P14, IEEE INTELL SYST APP  
ALLEN J, 1995, NATURAL LANGUAGE UND  
BOYER L, 2000, VOICE EXTENSIBLE MAR  
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PEREZQUINONES MA, 1996, P316, P ACM SIGCHI C HUM F  
RAMAKRISHNAN N, 2001, UNPUB ACM T INFORMAT  
VANHARMELEN F, 1988, V36, P401, ARTIF INTELL  
VELOSO M, 1995, V7, P81, J EXP THEOR ARTIF IN

Author(s): Ramakrishnan N (REPRINT) ; Capra R; Perez-Quinones MA

Abstract: We show that **partial evaluation** can be usefully viewed as a programming model for realizing mixed-initiative functionality in interactive applications. Mixed...

...how out-of-turn interactions by users can be modeled by 'jumping ahead' to nested dialogs (via **partial evaluation**), Our approach permits the view of dialog management systems in terms of their support for staging and...

5/5,K/7 (Item 2 from file: 34)  
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
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*Same as #2*

09203388 Genuine Article#: 378TW Number of References: 16  
Title: PIPE : Web personalization by partial evaluation  
Author(s): Ramakrishnan N (REPRINT)  
Corporate Source: VIRGINIA POLYTECH INST & STATE UNIV,/BLACKSBURG//VA/24061  
(REPRINT)  
Journal: IEEE INTERNET COMPUTING, 2000, V4, N6 (NOV-DEC), P21-31  
ISSN: 1089-7801 Publication date: 20001100  
Publisher: IEEE COMPUTER SOC, 10662 LOS VAQUEROS CIRCLE, PO BOX 3014, LOS

ALAMITOS, CA 90720-1314

Language: English Document Type: ARTICLE

Geographic Location: USA

Subfile: CC ENGI--Current Contents, Engineering, Computing & Technology

Journal Subject Category: COMPUTER SCIENCE, SOFTWARE, GRAPHICS, PROGRAMMING

Cited References:

AGGARWAL CC, 1999, P201, P ACM SIGKDD C KNOWL  
BOOKER A, 1999, V1, P26, COMPUT SCI ENG  
CHAKRABARTI S, 1999, V32, P60, COMPUTER  
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GAROFALAKIS M, 2000, P165, P ACM INT C MAN DAT  
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RAMAKRISHNAN N, 1998, P91, WORK NOT AAAI 98 WOR  
RIECKEN D, 2000, V43, P27, COMMUN ACM  
RUS D, 1997, V15, P67, ACM T INFORM SYST  
TERVEEN L, 1999, V6, P67, ACM T COMPUTER HUMAN  
TERVEEN L, 1997, V40, P59, COMMUN ACM

Title: PIPE : Web personalization by partial evaluation

Author(s): Ramakrishnan N (REPRINT)

5/5,K/8 (Item 1 from file: 144)

DIALOG(R) File 144:Pascal

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15580557 PASCAL No.: 02-0281440

Mixed-initiative interaction = Mixed computation

Proceedings of the 2002 ACM SIGPLAN Workshop on Partial Evaluation  
and Semantics-Based Program Manipulation (PEPM'02)

RAMAKRISHNAN Naren ; CAPRA Robert; PEREZ-QUINONES Manuel A

Dept. of Computer Science, Virginia Tech, Blacksburg, VA 24061, United  
States

Association for Computing Machinery. Special Interest Group on  
Programming Languages, New York, NY, United States

2002 ACM SIGPLAN Workshop on Partial Evaluation and Semantics-Based  
Program Manipulation (PEPM'02) (Portland, Oregon USA) 2002-01-14

Journal: ACM SIGPLAN notices, 2002, 37 (3) 119-130

ISSN: 1523-2867 Availability: INIST-16907; 354000100476200120

No. of Refs.: 17 ref.

Document Type: P (Serial); C (Conference Proceedings) ; A (Analytic)

Country of Publication: United States

Language: English

We show that **partial evaluation** can be usefully viewed as a programming model for realizing mixed-initiative functionality in interactive applications. Mixed-initiative interaction between two participants is one where the parties can take turns at any time to change and steer the flow of interaction. We concentrate on the facet of mixed-initiative referred to as 'unsolicited reporting' and demonstrate how out-of-turn interactions by users can be modeled by 'jumping ahead' to nested dialogs (via **partial evaluation**). Our approach permits the view of dialog management systems in terms of their support for staging and simplifying interactions; we characterize three different voice-based interaction technologies using this viewpoint. In particular, we show that the built-in form interpretation algorithm (FIA) in the VoiceXML dialog management architecture is actually a (well disguised) combination of an interpreter and a partial evaluator.

English Descriptors: Mixed programming; Programming environment; **Partial evaluation** ; Semantics; Interaction; Interactive system; Man machine relation; Language processing; Natural language; Speech recognition; Voice; Extensible markup language

French Descriptors: Programmation mixte; Environnement programmation;  
Evaluation partielle; Semantique; Interaction; Systeme conversationnel;  
Relation homme machine; Traitement langage; Langage naturel;  
Reconnaissance parole; Voix; XML

Classification Codes: 001D02A02; 001D02B09

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**Proceedings of the 2002 ACM SIGPLAN Workshop on Partial Evaluation  
and Semantics-Based Program Manipulation (PEPM'02)**

**RAMAKRISHNAN Naren ; CAPRA Robert; PEREZ-QUINONES Manuel A**

We show that **partial evaluation** can be usefully viewed as a  
programming model for realizing mixed-initiative functionality in  
interactive applications. Mixed...

... how out-of-turn interactions by users can be modeled by 'jumping ahead'  
to nested dialogs (via **partial evaluation**). Our approach permits the  
view of dialog management systems in terms of their support for staging and  
...

English Descriptors: Mixed programming; Programming environment; **Partial  
evaluation** ; Semantics; Interaction; Interactive system; Man machine  
relation; Language processing; Natural language; Speech recognition;  
Voice; Extensible markup language

Set	Items	Description
S1	14357	PERSONALI? OR CUSTOMI? OR INDIVIDUALI?
S2	10	S1(3N)WEB() (CONTENT OR INFORMATION)
S3	53909	(AUTOMATIC? OR INSTINCTIVE? OR SPONTANEOUS? OR INVOLUNTAR? OR IMPULSIVE?) (5N) ( ADJUST? OR SYNCHRONI? OR SYNC OR UPDATE? - OR CONFORM? OR AGREE? OR ACCORD?)
S4	5	S3(3N) ((INFORMATION OR DATA OR FACT? OR KNOWLEDGE) ())CONTEN- T)
S5	597824	.RECREAT? OR .COPY OR COPIES OR .REPRQDUC? OR .DUPLICAT? OR RE- ... MAK?
S6	21222	WEB() (PAGE? OR SITE?) OR WEBSITE? OR WEBPAGE? OR HOME() PAG- E? OR HOMEPAGE?
S7	96371	(INFORMATION OR DATA OR FACT? OR KNOWLEDGE) (2N) (SEEK? OR S- EARCH? OR QUER? OR LOOK? OR REQUEST? OR INQUIR? OR INTERROGAT? OR EXTRACT?)
S8	14889	(INTERACT? OR COMBINE? OR LINK? OR ASSOCIAT? OR RELAT? OR - JOIN? OR CONNECT? OR INTEGRAT? OR MERGE) (2N) (SEQUENCE? OR QUE- UE OR QUEUED OR QUEUING OR QUEUEING OR RANK? OR (LOGICAL OR S- ERIAL) ())ORDER)
S9	729408	PARTIAL()EVALUATION OR PIPE
S10	0	S5 (3N) S6 AND S2
S11	83	S5 (3N) S6
S12	6	S11 AND WEB() (CONTENT OR INFORMATION)
S13	15	S7 (3N) S8
S14	0	S9 AND WEB() (CONTENT OR INFORMATION)
S15	73	S9 AND S1
S16	1	S15 AND S6
S17	13	S15 AND (CONTENT OR INFORMATION)
S18	42	S2 OR S4 OR S13 OR S16 OR S17
S19	22	S18 AND IC=(G06F? OR G09G?)
S20	1	S18 AND MC=(T01-G05G5 OR T01-J20C OR T01-S02)
S21	22	S19 OR S20

File 347:JAPIO Nov 1976-2003/Nov(Updated 040308)

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File 350:Derwent WPIX 1963-2004/UD,UM &UP=200419

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21/5/4 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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015892555 \*\*Image available\*\*  
WPI Acc No: 2004-050390/200405  
Related WPI Acc.No: 2001-167479  
XRPX Acc No: N04-040685

**Customized website generation system of Internet web pages uses stored  
demographic information to generate web pages for each visitor**

Patent Assignee: INTEL CORP (ITLC )

Inventor: LINSK S J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6353849	B1	20020305	US 96771706	A	19961220	200405 B
			US 2000626774	A	20000727	

Priority Applications (No Type Date): US 96771706 A 19961220; US 2000626774  
A 20000727

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6353849	B1		9	G06F-015/16	Cont of application US 96771706 Cont of patent US 6138142

Abstract (Basic): US 6353849 B1

NOVELTY - On receiving a request for HTML content , the server retrieves demographic information about the person requesting the content. This can be stored on the visitors computer along with cookie information or be derived from the visitors IP address. The HTML content is then customized based on the demographic information and forwarded the visitors browser.

USE - For generating **customized Web content** based on the visitors location, occupation, age, sex etc.

ADVANTAGE - As the demographic information includes location , the web content can be presented in the local language. Advertising material can also be targeted at the visitor based on their occupation and page content can be selected based on the age of the visitor i.e. to provide a child friendly page.

DESCRIPTION OF DRAWING(S) - The drawing shows a flow diagram of the web page generation process.

pp; 9 DwgNo 5/5

Title Terms: CUSTOMISATION; GENERATE; SYSTEM; WEB; PAGE; STORAGE;  
INFORMATION; GENERATE; WEB; PAGE; VISIT

Derwent Class: T01

International Patent Class (Main): G06F-015/16

International Patent Class (Additional): H04L-009/00

File Segment: EPI

21/5/6 (Item 3 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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015738231 \*\*Image available\*\*  
WPI Acc No: 2003-800432/200375  
XRPX Acc No: N03-641330

**Book mark system has book mark management unit which creates and  
maintains document record containing information for locating and  
retrieving document, in database**

Patent Assignee: NEC CORP (NIDE )

Inventor: LI W; VU Q

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6631496	B1	20031007	US 99273808	A	19990322	200375 B

Priority Applications (No Type Date): US 99273808 A 19990322

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6631496	B1		30	G06F-017/21	

Abstract (Basic): US 6631496 B1

NOVELTY - A book mark management unit creates and maintains a document record containing information for locating and retrieving a document, in a database.

USE - Book mark system for **personalizing**, organizing and managing **web information**.

ADVANTAGE - Allows user to build and organize large collection of bookmarks. Provides subscription service for retrieving new or updated documents.

DESCRIPTION OF DRAWING(S) - The figure shows the hypermedia database system.

database system (100)

logical database (101)

object oriented database management system (102)

modules (106)

query processor (107)

pp; 30 DwgNo 1/19

Title Terms: BOOK; MARK; SYSTEM; BOOK; MARK; MANAGEMENT; UNIT; MAINTAIN; DOCUMENT; RECORD; CONTAIN; INFORMATION; LOCATE; RETRIEVAL; DOCUMENT; DATABASE

Derwent Class: T01

International Patent Class (Main): G06F-017/21

File Segment: EPI

21/5/8 (Item 5 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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015523389 \*\*Image available\*\*

WPI Acc No: 2003-585537/200355

XRPX Acc No: N03-466148

**Systematic modelling method for information systems, involves creating personalization system by partial evaluation of program to produce simplified program, and generating information space in user interface**

Patent Assignee: RAMAKRISHNAN N (RAMA-I)

Inventor: RAMAKRISHNAN N

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030090513	A1	20030515	US 2001986733	A	20011109	200355 B

Priority Applications (No Type Date): US 2001986733 A 20011109

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030090513	A1		29	G09G-005/00	

Abstract (Basic): US 20030090513 A1

NOVELTY - The method involves modeling **information - seeking interaction sequences** with an **information** system, where each sequence denotes a possible dialog between a user and the system. The sequences are represented in a computer program. A **personalization** system is created by **partial evaluation** of the program, to produce a simplified program using which a **personalized information** space is generated in a user interface.

USE - Used for **information personalization** in **information** systems.

ADVANTAGE - The method promotes out-of-turn interaction without predefining the points where such interaction can take place and permits mixed-initiative interaction without hardwiring the ways in which the initiative could be mixed. The method **automatically adjusts information content** structure and presentation to an

individual user of the **information** .

DESCRIPTION OF DRAWING(S) - The drawing shows the steps in the **personalization** is **partial evaluation** ( **PIPE** ) method.

pp; 29 DwgNo 11/11

Title Terms: SYSTEMATIC; MODEL; METHOD; **INFORMATION** ; SYSTEM; SYSTEM;  
EVALUATE; PROGRAM; PRODUCE; SIMPLIFY; PROGRAM; GENERATE; **INFORMATION** ;

SPACE; USER; INTERFACE

Derwent Class: P85; T01

International Patent Class (Main): **G09G-005/00**

File Segment: EPI; EngPI

**21/5/9 (Item 6 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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015453402

WPI Acc No: 2003-515544/200349

XRPX Acc No: N03-409072

**Data collection method for automatically generating and/or improving data collection of information objects, in which information objects having particular relevance are stored**

Patent Assignee: ABB RES LTD (ALLM )

Inventor: GELLE E; KARHU K; LE J; RIFFEL M; SCHEPIK V

Number of Countries: 026 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1324220	A1	20030702	EP 2001811272	A	20011224	200349 B

Priority Applications (No Type Date): EP 2001811272 A 20011224

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 1324220	A1	E	9	G06F-017/30	

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT

LI LT LU LV MC MK NL PT RO SE SI TR

Abstract (Basic): EP 1324220 A1

NOVELTY - A **search** in a **data** pool is **combined** with relevance **ranking** for retrieved information objects. Those information objects having a particular relevance are stored. Information objects presented to a user via e.g. a portal is further filtered for automatic storage, such that only those information objects that are of interest to the user are stored in the database.

DETAILED DESCRIPTION - The method for automatically generating and/or improving a data collection of information objects involves receiving at least one information object from a data pool of information object, and determining the relevance of at least one of the retrieved information objects to at least one user. The information objects that have relevance greater than a preset threshold are stored in a data collection.

INDEPENDENT CLAIMS are included for; a data collection system; use of the relevance of an information object to a user.

USE - Automatically generating and/or improving a data collection of information objects. Information shown in a portal or other database is stored according to its relevance e.g. expressed by its popularity. Information objects presented to a user via e.g. a portal is filtered for automatic storage, such that only those information objects that are of interest to the user are stored in the database.

ADVANTAGE - Enhanced quality of information automatically retrieved e.g. from the Internet. Enables automatic creation of content containing high quality information in the database e.g. a portal, to ensure that further 'knowledge seekers' can use the information at a later date.

pp; 9 DwgNo 0/0

Title Terms: DATA; COLLECT; METHOD; AUTOMATIC; GENERATE; IMPROVE; DATA;

COLLECT; INFORMATION; OBJECT; INFORMATION; OBJECT; RELEVANT; STORAGE

Derwent Class: T01

International Patent Class (Main): G06F-017/30  
File Segment: EPI

21/5/10 (Item 7 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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015368937 \*\*Image available\*\*  
WPI Acc No: 2003-429875/200340  
XRPX Acc No: N03-343297

**User profile construction method for web content customization ,  
involves updating active profile based on user's response to provided  
questions and repeating updating process with another set of questions**  
Patent Assignee: HOLT L E (HOLT-I)

Inventor: HOLT L E

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030055762	A1	20030320	US 2001682545	A	20010918	200340 B

Priority Applications (No Type Date): US 2001682545 A 20010918

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030055762	A1		11	G06F-017/60	

Abstract (Basic): US 20030055762 A1

NOVELTY-- The content including an active profile inquiry area with one or more questions, is displayed based on an active profile for a user. The answers to the questions allow for better construction of the profile. The active profile for the user is updated in response to the user answering the questions. The process is repeated with new questions, so that the existing content is refreshed to reflect the updated active profile.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(1) computer-readable medium storing user profile construction program; and  
(2) server.

USE - For construction of user profile for customization of web content such as news, sports, entertainment and other types of content.

ADVANTAGE - As the user answers the questions, the active profile is immediately updated and the content is immediately refreshed, thereby providing immediate feedback to the user in response to answering of the questions, thus offering an incentive for the user to answer more questions.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart illustrating the client-server interaction.  
pp; 11 DwgNo 1/5

Title Terms: USER; PROFILE; CONSTRUCTION; METHOD; WEB; CONTENT;  
CUSTOMISATION; UPDATE; ACTIVE; PROFILE; BASED; USER; RESPOND; QUESTION;  
REPEAT; UPDATE; PROCESS; SET; QUESTION

Derwent Class: T01

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G06F-007/00 ; G06F-017/30

File Segment: EPI

21/5/13 (Item 10 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014754961 \*\*Image available\*\*  
WPI Acc No: 2002-575665/200261  
XRPX Acc No: N02-456346

**Personalizing method for a web page with content for a user providing**



**profiles of web page and user and producing modified web page based on profiles**

Patent Assignee: HOSEA D F (HOSE-I); ODDO A S (ODDO-I); RASCON A P (RASC-I);  
; THURSTON N J (THUR-I); ZIMMERMAN R S (ZIMM-I); PREDICTIVE NETWORKS INC  
(PRED-N)

Inventor: HOSEA D F; ODDO A S; RASCON A P; THURSTON N J; ZIMMERMAN R S

Number of Countries: 096 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200263420	A2	20020815	WO 2002US1763	A	20020123	200261 B
US 20020138331	A1	20020926	US 2001777807	A	20010205	200265

Priority Applications (No Type Date): US 2001777807 A 20010205

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200263420 A2 E 41 G06F-000/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA

CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS

JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL

PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR

IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

US 20020138331 A1 G06F-017/60

Abstract (Basic): WO 200263420 A2

NOVELTY - The method involves providing a profile of a web page and a profile of a user. A modified web page is produced based on the profile of the web page and the profile of the user.

The profile of the user includes demographic data. A portion of the web page content generally matching the demographic data is made more prominent.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for a method for profiling a web page, for a method for personalizing web pages for individual users, for a computer and for a system for personalizing a web page.

USE - For targeting world wide web content to interested users.

ADVANTAGE - Provides **personalization of web content** in real-time to meet interests of individual web users.

DESCRIPTION OF DRAWING(S) - The figure shows a network in which the invention is implemented.

pp; 41 DwgNo 7/11

Title Terms: METHOD; WEB; PAGE; CONTENT; USER; PROFILE; WEB; PAGE; USER;  
PRODUCE; MODIFIED; WEB; PAGE; BASED; PROFILE

Derwent Class: T01

International Patent Class (Main): G06F-000/00 ; G06F-017/60

File Segment: EPI

21/5/15 (Item 12 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014089850 \*\*Image available\*\*

WPI Acc No: 2001-574064/200165

XRPX Acc No: N01-428067

**Internet-profiling system separately defines membership rule for each user of several user groups based on user interested category**

Patent Assignee: FUJITSU LTD (FUIT )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001142907	A	20010525	JP 2000298045	A	20000929	200165 B

Priority Applications (No Type Date): US 99410151 A 19990930

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 2001142907 A 59 G06F-017/30

Abstract (Basic): JP 2001142907 A

NOVELTY - A web server (102) generates web content category relation information based on web content discriminative information upon receiving demand from a user. A user group service defines membership rule for each user of several user group separately based on user interested category. A profile service determines profile for each member in user group.

USE - Internet-profiling system.

ADVANTAGE - Automatically generates user profile for each user based on membership rule and market/product information are effectively shown to user and dynamic **customization of web content** is enabled.

DESCRIPTION OF DRAWING(S) - The figure shows an explanatory drawing of proreach system which operates using fire wall. (Drawing includes non-English language text).

Web server (102)

pp; 59 DwgNo 5/21

Title Terms: PROFILE; SYSTEM; SEPARATE; DEFINE; MEMBER; RULE; USER; USER; GROUP; BASED; USER; CATEGORY...

Derwent Class: T01

International Patent Class (Main): **G06F-017/30**

International Patent Class (Additional): **G06F-017/60**

File Segment: EPI

**21/5/16 (Item 13 from file: 350)**

DIALOG(R) File 350:Derwent WPIX

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013870507 \*\*Image available\*\*

WPI Acc No: 2001-354719/200137

XRPX Acc No: N01-257761

Personalized web content **providing system for internet communication of shopping list and advertisement, has web host computer that gives selected content to internet user that provides consumer identifier**

Patent Assignee: MEALS.COM (MEAL-N)

Inventor: BEACH K; MELANSON I; MOLBAK J H; PESCH C A

Number of Countries: 091 Number of Patents; 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200120522	A1	20010322	WO 2000US25228	A	20000914	200137 B
AU 200074874	A	20010417	AU 200074874	A	20000914	200140

Priority Applications (No Type Date): US 99153965 P 19990915

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200120522 A1 E 31 G06F-017/60

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200074874 A G06F-017/60 Based on patent WO 200120522

Abstract (Basic): WO 200120522 A1

NOVELTY - A web host computer (226) connects to the database (222,224,228) for storing an information relating to the consumers each can be identified by a consumer identifier, and different information. The web host computer receives the consumer identifier from the computer (216) of an internet user and sends a chosen content to the computer of the internet user based on the stored information in the database.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) a **personalized web content** providing method using a computer;
- (b) a **personalized web content** providing apparatus;
- (c) a retail data collecting method;
- (d) a retail data collecting system;
- (e) and a retailing system.

USE - For communication of shopping list and advertisement or target offers through internet.

ADVANTAGE - Enables providing focused personalized content which is based on at least two different data sources e.g. click stream data source and point of sale or purchase history data source, from one or more retail locations without requiring personal identification. Facilitates checkout of internet user at the end of shopping trip on internet using real-time purchase or selection information regarding customer's shopping activities.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the components of a personalized web page system.

Computer of internet user (216)

Database (222,224,228)

Web host computer (226)

pp; 31 DwgNo 2/6

Title Terms: WEB; CONTENT; SYSTEM; COMMUNICATE; SHOPPING; LIST; ADVERTISE;

WEB; HOST; COMPUTER; SELECT; CONTENT; USER; CONSUME; IDENTIFY

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

**21/5/17 (Item 14 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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013731851 \*\*Image available\*\*

WPI Acc No: 2001-216081/200122

**Method for constructing and providing customized Web information - NoAbstract**

Patent Assignee: SAMSUNG ECONOMIC RES INST (SMSU )

Inventor: KIM H G; LEE S R; PARK Y J; SOH G H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2000054312	A	20000905	KR 200029969	A	20000601	200122 B

Priority Applications (No Type Date): KR 200029969 A 20000601

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2000054312	A		G06F-017/00	

Title Terms: METHOD; CONSTRUCTION; WEB; INFORMATION; NOABSTRACT

Derwent Class: T01

International Patent Class (Main): **G06F-017/00**

File Segment: EPI

Set	Items	Description
S1	9415	PERSONALI? OR CUSTOMI? OR INDIVIDUALI?
S2	21	S1(3N)WEB() (CONTENT OR INFORMATION)
S3	757	(AUTOMATIC? OR INSTINCTIVE? OR SPONTANEOUS? OR INVOLUNTAR? OR IMPULSIVE?) (5N) ( ADJUST? OR SYNCHRONI? OR SYNC OR UPDATE? - OR CONFORM? OR AGREE? OR ACCORD?)
S4	0	S3(3N) ((INFORMATION OR DATA OR FACT? OR KNOWLEDGE) ()CONTEN- T)
S5	4673	RECREAT? OR COPY OR COPIES OR REPRODUC? OR DUPLICAT? OR RE- MAK?
S6	12970	.WEB() (PAGE? OR .SITE?) OR WEBSITE? OR WEBPAGE? OR HOME() PAG- ... E? OR HOMEPAGE?
S7	2696	(INFORMATION OR DATA OR FACT? OR KNOWLEDGE) (2N) (SEEK? OR S- EARCH? OR QUER? OR LOOK? OR REQUEST? OR INQUIR? OR INTERROGAT? OR EXTRACT?)
S8	92	(INTERACT? OR COMBINE? OR LINK? OR ASSOCIAT? OR RELAT? OR - JOIN? OR CONNECT? OR INTEGRAT? OR MERGE) (2N) (SEQUENCE? OR QUE- UE OR QUEUED OR QUEUING OR QUEUEING OR RANK? OR (LOGICAL OR S- ERIAL) ()ORDER)
S9	188	PARTIAL() EVALUATION OR PIPE
S10	11	WEB() PERSONALIZATION
S11	21	S1 (3N) S2
S12	0	(S5 (3N) S6) AND S2
S13	39	S5 (3N) S6
S14	0	S13 AND WEB() (CONTENT OR INFORMATION)
S15	17	S9 AND S1
S16	0	S15 AND S6
S17	7	S15 AND (CONTENT OR INFORMATION)
S18	38	S10 OR S11 OR S17
S19	37	S18 NOT PY>2001
S20	36	.S19 NOT PD>20011109

File 256:SoftBase:Reviews,Companies&Prods. 82-2004/Mar  
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20/5/1

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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01786471 DOCUMENT TYPE: Product

**PRODUCT NAME: Execusite (786471)**

CCH Inc (673455)  
21250 Hawthorne Blvd 2nd Floor  
Torrance, CA 92503 United States

RECORD TYPE: Directory

CONTACT: Sales Department

Execusite's Execusite is an Internet-based service that allows accountants and tax professionals to create customized business Web sites quickly. Execusite offers multipage **Web content** that, when **customized**, can be used to promote a firm's identity. The service also offers customers a client newsletter. Automatically updated, the newsletter features 10 new articles monthly. Additionally, Execusite's optional CCH Tax Alerts and CCH Tax Events pages promote new business, prompting clients to query about pending federal and state tax requirements. Execusite's interactive Events calendar also offers clients tax information and can be used to drive sales. As well, Execusite offers templates for profile, client services, financial tool, link, and contact pages. Aside from e-mail and postal address information, the Contact page offers clients driving directions to offices. The Financial Tools page provides clients with calculators and other tools. Execusite registers firms' Web sites with hundreds of search engines.

DESCRIPTORS: Accountants; E-Commerce; Income Tax; Law Firms; Legal; Store Building; Tax Return Preparation; Templates; Web Site Design

HARDWARE: Hardware Independent

OPERATING SYSTEM: Open Systems

PROGRAM LANGUAGES: Not Available

TYPE OF PRODUCT: Mainframe; Mini; Micro; Workstation

POTENTIAL USERS: Tax Preparers, Accountants, Tax Lawyers

PRICE: Available upon request..

REVISION DATE: 20020322

20/5/2

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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01256684 DOCUMENT TYPE: Product

**PRODUCT NAME: Estimation (256684)**

TradePower (236268)  
809F Barkwood Ct  
Linthicum Heights, MD 21090 United States  
TELEPHONE: (410) 636-4566

RECORD TYPE: Directory

CONTACT: Sales Department

TradePower's Estimation (R) offers a suite of trade-specific estimating tools for construction contractors. Incorporating the input and suggestions of thousands of specialty contractors, Estimation offers a fast, accurate, efficient way to estimate projects. A unique heads-down approach to takeoff combines a portable Power Pad (TM) with digitizer technology to enable

HARDWARE: IBM PC & Compatibles  
OPERATING SYSTEM: AutoCAD  
PROGRAM LANGUAGES: Not Available  
TYPE OF PRODUCT: Micro  
POTENTIAL USERS: Geographical Information System (GIS) Users  
PRICE: Available upon request; Internet demo available  
  
TRAINING AVAILABLE: Training  
REVISION DATE: 20021130

20/5/7

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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01086568 DOCUMENT TYPE: Product

**PRODUCT NAME: BroadVision Command Center (086568)**

BroadVision Inc (618608)  
585 Broadway  
Redwood City, CA 94063 United States  
TELEPHONE: (650) 261-5100

RECORD TYPE: Directory

CONTACT: Sales Department

BroadVision's BroadVision (R) Command Center is a rules-based personalization system for e-businesses. BroadVision Command Center offers users straightforward development tools that simplify the creation and management of online personalization features. The system allows companies to define Web visitors according to demographic, transaction, or other information, creating dynamic communities that can serve to improve customer service and drive marketing initiatives. BroadVision Command Center references **customized personalization** rules in targeting **Web content** to specific Web visitors. The system supports one-to-one interactions, and it can be used to display products, editorials, incentives, advertisements, and other content. BroadVision Command Center also supports dynamic pricing features. For content management, BroadVision Command Center's wizard-based interface streamlines the management of catalogs, marketing material, and other content. The system also supports bulk data imports from Microsoft Excel and other programs. New personalization rules can be created and implemented in real time.

DESCRIPTORS: Content Management; E-Commerce; Internet Marketing;  
Personalization

HARDWARE: IBM PC & Compatibles  
OPERATING SYSTEM: Windows NT/2000  
PROGRAM LANGUAGES: Not Available  
TYPE OF PRODUCT: Micro; Workstation  
POTENTIAL USERS: Cross Industry, E-Commerce, Marketing  
PRICE: Available upon request

REVISION DATE: 020625

20/5/8

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00134909 DOCUMENT TYPE: Review

**PRODUCT NAMES: ECM (Enterprise Content Management) (849634)**

**TITLE:** Content Infrastructure: Next Wave or Pipe Dream?  
**AUTHOR:** Silver, Bruce  
**SOURCE:** TRANSFORM Magazine, v10 n11 p22(2) Nov 2001  
**ISSN:** 1534-2832  
**HOME PAGE:** <http://www.transformmag.com>

**RECORD TYPE:** Review  
**REVIEW TYPE:** Product Analysis  
**GRADE:** Product Analysis, No Rating

Such companies as Documentum and IBM are driving enterprise **content** management (ECM) development. ECM systems merge document management and Web **content** management capabilities, linking all **content** found within an enterprise. The systems provide users with access to traditional documents, such as computer output; Web **content**; and rich media **content**, such as audio and video files. ECM systems offer indexing, searching, storage, access control, **personalization** and other features. Additionally, such systems do not support a centralized **content** repository but integrate **information** from multiple databases. Currently, such ECM systems use application programming interfaces (APIs) for integration demands. In the future, systems will employ XML Web services. For existing ECM technology, IBM's systems provide strong management of images, reports, audio, and video. The ECM systems integrate with Documentum 4i and FileNet's Panagon. For its part, Documentum's Documentum 4i offers powerful management of revisable documents and Web **content**.

**COMPANY NAME:** Vendor Independent (999999)  
**DESCRIPTORS:** **Content** Management; Document Management; Electronic Publishing; Network Software  
**REVISION DATE:** 20020730

20/5/9

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00132880 DOCUMENT TYPE: Review

**PRODUCT NAMES:** E-Commerce (836109); Globalization (843156); Standards (830218)

**TITLE:** Global E-Biz Mishmash: Multinationals push to standardize efforts...

**AUTHOR:** Wilson, Tim  
**SOURCE:** InternetWeek, v875 p1(2) Aug 27, 2001  
**ISSN:** 0746-8121  
**HOME PAGE:** <http://www.internetwk.com>

**RECORD TYPE:** Review  
**REVIEW TYPE:** Product Analysis  
**GRADE:** Product Analysis, No Rating

Although multinational companies are trying to standardize online marketing efforts, including multiple, uncoordinated Web sites and projects, too much local action could slow implementation of global e-business processes and content management technology. According to a spokesperson for Hewlett-Packard, 'One of the hardest parts of our globalization effort is standing up and telling those people that all of this has to look like a single site.' HP now has a standardization program for Web technologies and centralization of global content management, as do many multinationals in various industries. The proposed solution includes translation, currency conversion, customs documentation, and other components that ease exchange of Web data among customers and suppliers in different countries. The software and services are often linked to central content management applications, including those from Vignette and BroadVision. However, not many global companies are breaking down vendors' doors to get the products, and the 20 leading providers of globalization services will do just about

\$1 billion in revenue in 2001. They will expand at about a 28 percent rate through 2004. Companies are advised to establish corporate standards; develop and enforce templates for Web content; clearly differentiate content that must stay consistent from country to country and content that must be localized; and centralize content management, translation, and other globalization technologies to lower costs, but allow local units to access and **customize Web content**.

COMPANY NAME: Vendor Independent (999999)

SPECIAL FEATURE: Charts

DESCRIPTORS: Communications Standards; E-Commerce; Globalization; Standards

REVISION DATE: 20011030

20/5/10

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.

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00132386

DOCUMENT TYPE: Review

PRODUCT NAMES: QUIQ Connect (050067); AbiliTec (002259); Relevancy Delivery Network (T/RDN) (060836); Tea Commerce (061026); Participate Enterprise (055468)

TITLE: Spy On Your Customers (They Want You To)

AUTHOR: Tedeschi, Bob

SOURCE: Smart Business for the New Economy, v14 n8 p58(5) Aug 2001

ISSN: 1528-4034

HOME PAGE: <http://www.smartbusinessmag.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

QUIQ's QUIQ Connect, Acxiom's AbiliTec, TIAN's Relevancy Delivery Network (T/RDN), TeaLeaf's Tea Commerce, Participate.com's Participate Community Knowledge Technology Platform are highlighted in a discussion of new Web tracking technology that generates paying customers among browsers. Although customer tracking and **Web personalization** tools are not without their glitches and omissions and are usually expensive, these tools can 'go a long way toward helping you understand information you collect about buyers' habits and preferences--and take it one step further.' Travelocity targets marketing campaigns with Teradata software that merges clickstream analysis and data warehousing. Such tools as Personify CI and Keylime LimeLight refine analysis by tagging particular pages on a Web site. Each time a customer visits a tagged page, this fact is added to a customer profile in a database. QUIQ Connect enables Compaq to host its online support forum, a chatroom where customers post questions and answers about Compaq products and services. A large database has been constructed from information posted in the forum, and QUIQ Connect's technology uses the information to help Compaq run personalized product analysis. Relevancy Delivery Network tracks customers in real time, and AbitiTec tracks customers' purchases made at business-to-business (B2B) stores, from catalogs, and via the Web, and puts all the data in one central database.

COMPANY NAME: QUIQ Inc (698318); Acxiom Corp (639354); TIAN Software Co Inc (709336); TeaLeaf Technology Inc (709344); Participate.Com (705993)

SPECIAL FEATURE: Charts Buyers Guides

DESCRIPTORS: CRM; E-Commerce; Internet Marketing; Internet Traffic Analysis; Personalization

REVISION DATE: 20011224

20/5/11

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.



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00130887 DOCUMENT TYPE: Review

PRODUCT NAMES: Privacy (838136); Personalization (840335)

TITLE: Personalization vs. Privacy--The Stakes Grow Higher

AUTHOR: Passmore, David

SOURCE: Business Communications Review, v31 n3 p16(2) Mar 2001

ISSN: 0162-3885

HOME PAGE: <http://www.bcr.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

A discussion of **Web content personalization** and concomitant privacy issues explains that the bets are ever the more risky for content-based networking suppliers, since the newest tools can track user locations and actions and insert various types of advertising. The handwriting is on the wall regarding 'steps toward clamping down on how content gets distributed,' and, in addition, 'What's truly scary is that many people may give up their privacy without realizing they've done so by responding to offers for content personalization or better network performance.' Some say these worries are insignificant, but customers are likely to refuse to patronize sellers that either attack privacy or limit Internet access. In the future, pay-per-view is on the horizon as content networking technology and profitability pressures on Internet service providers (ISPs) and NSPs (network service providers) solidify and both groups of providers try to make it easier to deliver access to Internet sites, streaming content, or pay-per-view networks. Examples of the expansion of the pay-per-view model include support for high-definition content only on new TVs supporting IEEE 1394/Firewire and copy protection, Microsoft's Product Activation technology, and use of Content Protection for Recordable Media (CPRM) by makers of hard drives.

COMPANY NAME: Vendor Independent (999999)

DESCRIPTORS: Internet; Personalization; Privacy

REVISION DATE: 20010830

20/5/12

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.

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00128782 DOCUMENT TYPE: Review

PRODUCT NAMES: Globalization (843156)

TITLE: Globalization--business opportunity and KM challenge

AUTHOR: McDonald, Peg

SOURCE: KM World, v10 n2 p12(4) Feb 2001

ISSN: 1060-894X

HOME PAGE: <http://www.KMonline.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

Lotus Development's Notes and Domino, Intuit's Quicken, Idiom's World Server, and Lionbridge's Liontrack are highlighted in a discussion of e-business globalization via the Web, a trend that presents both opportunities and challenges. In the long term, businesses are finding that knowledge is their most useful asset, since news spread on the Internet about products can greatly increase sales. According to a spokesperson for Lotus, for instance, the company is attempting to create a virtual and distributed, rather than physical, brainstorming and collaboration

REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

The loss of privacy resulting from Internet access generates dialogue between Web merchants and privacy advocates, in addition to providing niches for organizations offering users anonymity on the Web. To date, Web users see little tangible implementation of the talk focusing on the importance of privacy on the Internet, the need for technologies, government legislation, and industry self-regulation. Increased **personalization** of the Web experience, based on the use of private user **information**, has benefits not only for business but also for users. The Center for Democracy and Technology recognizes this but knows users respond negatively to the loss of privacy. Businesses would prefer not to see their power to accumulate **information** checked, and view privacy advocates as anti-business. Repeated polls show that privacy is the No. 1 concern of Internet users. Market research firm Forrester Research, found that privacy concerns cause many users to avoid e-commerce and estimates that \$2.8 billion went unspent in the Internet economy. Standards for privacy statements are developing slowly and not fully solving the problem. The World Wide Web Consortium (W3C), the standards-setting body for the Web, has a final draft of the Platform for Privacy Preferences (P3P), considered by some to facilitate the collection of data. In response to consumer concerns, services guaranteeing Web anonymity are cropping up. WWW Anonymous Remailer allows users to send e-mail anonymously, and Anonymizer allows users to surf the Web anonymously.

COMPANY NAME: Vendor Independent (999999)  
SPECIAL FEATURE: Tables  
DESCRIPTORS: Internet Marketing; **Personalization**; Privacy; Retailers  
REVISION DATE: 20000530

20/5/19

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00121471 DOCUMENT TYPE: Review

PRODUCT NAMES: **Portals (840564); Personalization (840335)**

TITLE: **Mostly Potential, For Now: Want to Provide Custom Information?**...  
AUTHOR: Luh, James C  
SOURCE: Internet World, p42(2) Feb 2000  
ISSN: 1097-8291  
HOMEPAGE: <http://www.iw.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

Organizations that want to provide customized information via a Web site should study such portals as Yahoo!, Excite, My Excite, and Microsoft Network. These sites are most experienced in providing customized content, and portals overall are able to respond quickly and conspicuously to a user's preferences. For example, when a user enters his or her ZIP code into My Yahoo!, the site quickly starts showing weather reports and sports scores for the user's home city. The editor of the Appian **Web Personalization** Report also lauds the portals for responsiveness. Users can simply tell a portal site what they want, and the site can return it, a feat that sounds basic but is not possible with most commerce sites. Sometimes commerce sites gather information for long periods of time and only use it occasionally. Harley Manning, director of commerce site research for Forrester Research, says that users who have been asked for lots of personal information are not wrong to expect that the site will use the information. For instance, Manning's colleague at Forrester was saved from killing a plant, by Garden.com, which pointed out that the plant could not thrive in Hagen's locality. Personalization information provided by

visitors should always be used to customize the visitor's experience as extensively as possible, something that portals are good at. Portals also have been successful in building personalization features using quick, very scalable software.

COMPANY NAME: Vendor Independent (999999)  
SPECIAL FEATURE: Charts  
DESCRIPTORS: Conferencing; ISP (Internet Service Providers); Localization; Personalization; Portals  
REVISION DATE: 20010430

20/5/20

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00120816 DOCUMENT TYPE: Review

PRODUCT NAMES: Personalization (840335)

TITLE: Web Personalization  
AUTHOR: Ouellette, Tim  
SOURCE: Computerworld, v33 n51 p60(1) Dec 20, 1999  
ISSN: 0010-4841  
HOMEPAGE: <http://www.computerworld.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

To get the most out of the Web, users might want to give up some information about themselves and their interests in order to enjoy 'Web personalization,' with which information can be provided faster because Web sites are already aware of visitors' interests and needs. Web personalization is accomplished by using tools that allow Web sites to gather information about visitors. For instance, the visitor can fill out a form with fields that populate a database. The World Wide Web site uses the database to match the visitor's needs to the products or information provided at the site. Middleware eases the process by passing data between the database and the Web site. For example, Amazon.com can suggest CDs or books to shoppers based on interests they provide when registering with the site. An editor for a Web site that focuses on World Wide Web personalization issues says, 'Customers tend to buy more when they know exactly what's available at the site and they do not have to hunt around for it.' Types of Web personalization approaches include cookies, or Web browser tags that identify the user to the Web site, checkbox personalization, in which users check interests on a checklist so the site can show the individualized information, collaborative filtering code that tracks users' behavior and compares it with that of other site visitors, and rule-based systems that use business rules to provide certain information types based on a user's profile and divide users into segments based on those rules.

COMPANY NAME: Vendor Independent (999999)  
SPECIAL FEATURE: Tables Screen Layouts  
DESCRIPTORS: Internet Marketing; Internet Shopping; Personalization; Privacy; Web Site Design  
REVISION DATE: 20020819

20/5/21

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00118046 DOCUMENT TYPE: Review

PRODUCT NAMES: Plumtree Server 3.0 (691267); InfoPortal 3.0 (747815);

Coreport 2.0 (763594); Cyberprise 3.0 (763856); Custom NetCenter (728373)

**TITLE:** Portals cast an eye to the enterprise  
**AUTHOR:** Degnan, Christa Pender, Lee  
**SOURCE:** PC Week, v16 n28 p1(2) Jul 12, 1999  
**ISSN:** 0740-1604

**RECORD TYPE:** Review  
**REVIEW TYPE:** Product Analysis  
**GRADE:** Product Analysis, No Rating

Plumtree Software's Plumtree Server 3.0, Glyphica's InfoPortal 3.0, Corechange's Coreport 2.0, Wall Data's Cyberprise 3.0, and Netscape Communications' Custom Netcenter are highlighted in a discussion of the growing trend toward enterprise use of portals for aggregation of internal and external content and to give users a single browser-based view of their workspace. Oracle and other enterprise resource planning (ERP) vendors are also developing portal front-ends for their ERP systems, and all-purpose Web portal vendors seek corporate users by adding customizable business services to products. Corporate portals are attractive to IT managers because they can streamline Web content management and customization tasks. Optiva, a user of Plumtree Corporate Portal 3.0, says the system supports sharing and exchange of sales, research and development, and human resources information for 600 staff in the home office and remote locations. The software has a new Active Portal design that allows addition of third-party software and Internet services to the portal via integration components known as Portal Gadgets. InfoPortal 3.0 will soon be available in editions for sales and marketing, and will provide a personalized view, Open Database Connectivity (ODBC) links, and document workflow. Cyberprise allows construction of customized online communities.

**COMPANY NAME:** Plumtree Software (632902); CoVia Technologies Inc (396184); Corechange Inc (666041); NetManage Inc (525375); Netscape Communications Corp (592625)  
**SPECIAL FEATURE:** Screen Layouts  
**DESCRIPTORS:** Enterprise Resource Planning; Front Ends; Intranets; Portals  
**REVISION DATE:** 20020227

20/5/22

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00117834 DOCUMENT TYPE: Review

**PRODUCT NAMES:** Lotus Notes 5 (550418); SmartSuite Millennium Edition (686735); Domino Workflow 2.0 (767034); Domino Runtime Services (622419)

**TITLE:** Lotus attacks several fronts  
**AUTHOR:** Degnan, Christa  
**SOURCE:** PC Week, v16 n26 p33(2) Jun 28, 1999  
**ISSN:** 0740-1604

**RECORD TYPE:** Review  
**REVIEW TYPE:** Product Analysis  
**GRADE:** Product Analysis, No Rating

Lotus Development's Notes 5, SmartSuite Millennium Edition, and Domino's Workflow 2.0 and Run-time Services are highlighted in a discussion of recent announcements from Lotus that shed light on Lotus's competitive strategy against rival Microsoft. Lotus has allied with Lycos to add customized World Wide Web content to the Notes 5 client, an agreement that is similar to the one with America Online. The My Lycos link will ship with Notes 5.01. Lotus also announced availability of a new version of the SmartSuite Millennium Edition that includes the Lotus 5 client. SmartSuite Millennium 9.5 also includes Lotus Organizer 5.0 and Lotus FastSite 2,

along with Domino and Internet integration improvements. Steven Evans, IS Director for the PGA Tour and a Notes and SmartSuite Millennium user, who supports 700 staff and 200 golfers, says the PGA Tour likes the added functionality because it reduces the need for retraining. Lotus also announced particulars of the Super.move messaging migration program, which is available in Acceleration Pack I, II, and III levels. Lotus also announced R5 collaboration platform extensions designed for e-commerce application developers; they include new portable application abilities, availability of Domino Workflow 2.0, extended Domino support for HTML authoring tools, and support for Microsoft Component Object Model (COM).

COMPANY NAME: IBM Lotus software (254975)

SPECIAL FEATURE: Screen Layouts Output Samples

DESCRIPTORS: Authoring Systems; Groupware; HTML; IBM PC & Compatibles;  
Internet Utilities; Notes/Domino; Software Marketing

REVISION DATE: 20031021

20/5/23

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.

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00117594 DOCUMENT TYPE: Review

PRODUCT NAMES: Director Shockwave Studio 7 Macintosh & Windows (733849)

TITLE: Macromedia Director 7 Shockwave Internet Studio

AUTHOR: McKenna, Sean M

SOURCE: Desktop Publishers Journal, v11 n4 p18(1) Apr 1999

ISSN: 1093-1732

HOME PAGE: <http://www.dtpjournal.com>

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: A

Director Shockwave Internet Studio 7 for Macintosh and Windows 95/98/NT from Macromedia is a good multimedia authoring suite that now features the company's powerful Fireworks image-editing software as standard equipment. The latter's ability to create vector and bitmap drawings and to **customize Web content** effects to Web pages make Director 7 all the more impressive. Beginners and advanced users alike will feel right at home with Director thanks to a new playback engine that has been redesigned to be smaller and more efficient. The new engine can now play back up to 999 frames per second and manage up to 1,000 sprites. The suite's interface is relatively unchanged from the previous version, though Director 7 now sports a host of new vector tools and can import dynamic alpha channels. Also bundled with Director is Intel's Web Design Effects, an application for creating preset or customized natural effects like rain or snow. Though Director 7 is very expensive and the documentation has a long ways to go, every interactive media designer will find something to like about this impressive suite.

COMPANY NAME: shockwave.com (667153)

SPECIAL FEATURE: Screen Layouts

DESCRIPTORS: Apple Macintosh; Authoring Systems; Electronic Publishing;  
Graphics Tools; IBM PC & Compatibles; Image Processing; Internet  
Utilities; MacOS; Multimedia; Web Site Design; Windows; Windows NT/2000

REVISION DATE: 20020516

20/5/24

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.

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00116883 DOCUMENT TYPE: Review

PRODUCT NAMES: mySAP.com (755583)

TITLE: MySAP portal makes premiere

AUTHOR: D'Amico, Mary Lisbeth

SOURCE: InfoWorld, v21 n19 p26(1) May 10, 1999

ISSN: 0199-6649

HOME PAGE: <http://www.infoworld.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

SAP AG's mySAP, a portal strategy from the enterprise application vendor, was unveiled at the SAPphire user group in Nice, France, and includes four components: mySAP.com, the primary portal; mySAP-Business Scenarios, or products for the Internet and intranets; mySAP-Employee Workplace, a personalized user interface for customers; and SAP applications hosted on the Web. mySAP.com is a public portal that will provide individually **customized Web content**, with directories that assist companies in communicating via e-commerce. mySAP.com will include a general site that provides related software, hardware, and IT services, in addition to 19 sites for particular industries, including aviation and health care. mySAP-Business Scenarios are available to configure SAP modules and information dissemination according to an employee's job; the first modules are for SAP Business-to-Business Procurement, SAP Business-to-Consumer Selling, and SAP Business-to-Business Selling, but more are on the way. SAP will provide smaller companies with Web-enabled application hosting services, and mySAP-Employee Workplace will access an individualized information page and SAP modules using a Web browser and a password from any workplace computer, and mySAP.home has similar features. Only R/3 4.5 or higher users are supported for the browser-accessible applications.

COMPANY NAME: SAP AG (535974)

SPECIAL FEATURE: Screen Layouts

DESCRIPTORS: E-Commerce; Enterprise Resource Planning; Portals; Software Marketing

REVISION DATE: 20030130

20/5/25

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.

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00111551 DOCUMENT TYPE: Review

PRODUCT NAMES: Merchant Mail (721018)

TITLE: More sites use E-mail for marketing

AUTHOR: Fusaro, Roberta

SOURCE: Computerworld, v32 n42 p51(2) Oct 19, 1998

ISSN: 0010-4841

HOME PAGE: <http://www.computerworld.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

A number of e-mail marketing services, such as InfoBeat, Merchant Mail from Digital Impact, and GuestTrack are taking advantage of the increased use of e-mail by online retailers to cost-effectively reach online buyers. Industry analysts predict that e-mail list management will become more prevalent for sales and marketing campaigns in the next two years. InfoBeat uses links and on-demand videos for corporate newsletters based on HTML, allowing online marketing materials to be presented in a much more dynamic way and for far less money than traditional printing and direct mail methods. Merchant Mail allows businesses to also add HTML-savvy e-mail newsletters to online catalogs. GuestTrack is a **Web personalization**

application company that uses customer requests for online information, to avoid the pitfalls of e-mail marketing campaigns being seen as spam.

COMPANY NAME: Digital Impact Inc (597791)  
SPECIAL FEATURE: Screen Layouts  
DESCRIPTORS: Catalogs; Direct Marketing; E-Mail; Internet Marketing;  
Marketing Information; Retailers  
REVISION DATE: 20020819

20/5/26

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.

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00108781 DOCUMENT TYPE: Review

PRODUCT NAMES: SiteMinder 3.0 (699268)

TITLE: SiteMinder Customizes Web

AUTHOR: Yasin, Rutrell

SOURCE: InternetWeek, v719 p39(2) Jun 15, 1998

ISSN: 0746-8121

HOME PAGE: <http://www.internetwk.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

Netegrity's SiteMinder 3.0, a directory-based version of the vendor's access control software, streamlines tasks required for companies wanting to provide users with **personalized World Wide Web content**. SiteMinder merges access control and other security policies in a Lightweight Directory Access Protocol (LDAP)-enabled directory, allowing administrators to centrally manage user access and single sign-on. SiteMinder links access control to two important LDAP directories, Netscape Directory Server and Windows NT Domain directory. This method eliminates the repetition of user and group information that takes place when multiple directories are used. Future releases will support Microsoft's Microsoft Active Directory, Novell Directory Services (NDS), and other LDAP-compliant directories. Organizations migrating to a unified corporate directory will find SiteMinder useful, says an analyst. LDAP directories will also store X.509 digital certificates, which are used to verify electronic signatures and documents. With the framework provided, developers can integrate such functions as self-registration, password management, and customized administration interfaces into critical applications, such as supply chain management.

COMPANY NAME: Netegrity Inc (627895)

SPECIAL FEATURE: Charts

DESCRIPTORS: Alerts; Computer Security; IBM PC & Compatibles; Network Administration; Network Software; System Monitoring; User Identity Management; Windows NT/2000

REVISION DATE: 20030228 . . . . .

20/5/27

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.

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00107144 DOCUMENT TYPE: Review

PRODUCT NAMES: Company--Microsoft Corp (850195); Company--Firefly Network Inc (864242)

TITLE: Microsoft Captures Firefly

AUTHOR: Kerstetter, Jim

SOURCE: PC Week, v15 n15 p3(1) Apr 13, 1998

ISSN: 0740-1604

RECORD TYPE: Review  
REVIEW TYPE: Company

Microsoft's purchase of Firefly Network is expected to breathe new life into World Wide Web **personalization** and privacy. Microsoft will pay about \$40 million to buy the startup, a developer of advanced software that provides users with customized World Wide Web site views and protects users from revealing personal information. Firefly's customers welcome Microsoft's acquisition of the company, and believe Microsoft will give the company more stability. A spokesman for BarnesandNoble.com, Firefly's largest customer, says Microsoft's ownership should allow his company to . . . enhance offerings to customers. Microsoft's Microsoft Interactive Media and Web Essentials groups spearheaded the acquisition. Microsoft will merge Firefly's Passport functions, which permit users to define the type of information they want to share with a Web site, into Microsoft's Web sites, including Expedia.com. The free Passport client identification tags will most likely be available for downloading and bundled with planned releases of Internet Explorer (IE), say sources. Microsoft's plans for Catalog Navigator, a collaborative filtering product, are less defined, but Passport Office server software is likely to be integrated with Microsoft Site Server and Site Server Commerce Edition.

COMPANY NAME: Microsoft Corp (112127); Firefly Network Inc (623687)  
DESCRIPTORS: Internet Marketing; Internet Utilities; Market Research;  
Software Marketing  
REVISION DATE: 20020703

20/5/28

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.

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00105844 DOCUMENT TYPE: Review

PRODUCT NAMES: Company--Art Technology Group Inc (ATG) (858692)

TITLE: Startup's Java Suite Lures Big Names  
AUTHOR: Fryer, Bronwyn  
SOURCE: Information Week, v665 p114(2) Jan 19, 1998  
ISSN: 8750-6874  
HOMEPAGE: <http://www.informationweek.com>

RECORD TYPE: Review  
REVIEW TYPE: Company

Art Technology Group is a Boston-based software and services startup, which offers an application suite that has attracted several high-profile e-commerce companies. America Online, Eastman Kodak, and Fidelity Investments, along with several others, have built targeted transactional applications with Art Technology's server-side Java software tools. The company's Dynamo application suite is one of very few products that meet . . . the growing demand for tools used to develop user profiling and tracking, billing, and ad management applications. Dynamo offers three integrated applications to deliver **personalized Web content**, such as announcements and catalogs. The tools also manage the business that results from the content, with tools such as real-time messaging and activity reporting. Sony, a user of Art Group's software, identifies users by a profile called a StationPass. This data is stored in a Sybase database, and a Pass applet will poll a Program Server for targeted message updates. If a user leaves and later returns to a site, the system can then remember where they were. Dynamo's Ad Station module tracks information about visitors to a site without using cookies, a technology which lets advertisers target interest or demographic groups, and see how much traffic any given advertisement attracts.



COMPANY NAME: Art Technology Group Inc (ATG) (593281)  
DESCRIPTORS: Advertising; E-Payment; Internet Marketing; Internet  
Utilities; Java; Market Research; Software Marketing  
REVISION DATE: 20020730

20/5/29

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00103147 DOCUMENT TYPE: Review

PRODUCT NAMES: Oracle Internet Commerce Server 1.0 (574767); UltraMatch  
(672998); Firefly (637211); BroadVision One-To-One (641022)

TITLE: Personal Touch: Web Sites Are Learning to Cater to Individual...  
AUTHOR: Karpinski, Rich  
SOURCE: NetGuide, v4 n8 p70(4) Aug 1997

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

Oracle's Oracle Internet Commerce Server 1.0, LikeMinds' LikeMinds Preference Server, BroadVision's One-to-One, Firefly Networks' Firefly, and Aptex Software's UltraMatch are products highlighted in a discussion of the ways in which World Wide Web sites are learning to serve up content and services that meet the individual needs of site visitors. Oracle Internet Commerce Server 1.0 provides personalization components, but the market overall is supported only by startup companies, and many of them are staffed by ex-university staff. Preference Server, like Firefly and Net Perceptions, classifies a user's preferences, compares them with other users' profiles, and provides recommendations based on the aggregated ideas of people who think alike. UltraMatch is an Internet ad system that provides targeted ads on InfoSeek's Web site and is used by 35 advertisers. One potential stumbling block to **personalization of Web content** is the privacy issue. Therefore Netscape, Firefly, VeriSign, and 60 other companies recently adopted OPS (Open Profiling Standard) as a way to gather and share personal information on the Web while maintaining users' privacy. The OPS specification is based on industry-accepted technologies, including digital certificates, vCard technology, and Secure Sockets Layer (SSL) encryption.

COMPANY NAME: Oracle Corp (010740); HNC Software Inc (500291); Microsoft Corp (112127); BroadVision Inc (618608)  
SPECIAL FEATURE: Screen Layouts  
DESCRIPTORS: Advertising; Electronic Publishing; Internet Marketing; Internet Utilities; Personalization; Web Servers; Webmasters  
REVISION DATE: 20020530

20/5/30

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00103142 DOCUMENT TYPE: Review

PRODUCT NAMES: Microsoft Site Server Enterprise 2.0 (658057)

TITLE: Take control of your intranet  
AUTHOR: Edwards, Brad  
SOURCE: LAN Times, v14 n17 p22(1) Aug 18, 1997  
ISSN: 1040-5917  
HOMEPAGE: <http://www.lantimes.com>

RECORD TYPE: Review  
REVIEW TYPE: Review

GRADE: A

Microsoft's Microsoft Site Server Enterprise 2.0, a World Wide Web site management toolset, gets excellent marks overall, especially for site management, content creation, publishing, and ease of use. Installation is rated good. The intranet product includes many built-in tools that assist in Web site management, along with applications for designing **personalized Web content**, replication and publishing of Web pages, and creation and managing of commerce on the Internet. Basic and enterprise editions are available, and the latter, priced at more than three times the cost of the basic edition, has added commerce features and custom reporting functions. Site Server operates with most Hypertext Transfer Protocol (HTTP) servers, but to maximize use of the product, Microsoft Internet Information Server (IIS) 3.0 and an Open Database Connectivity (ODBC) database client, such as Microsoft SQL Server 6.5, are required. Usage Analyst and Site Analyst are two provided utilities that streamline intranet management tasks. The first is invaluable when reports have to be prepared for management on the advantages of using the Internet. It culls trend and use information from 28 log server file formats. Usage Analyst generates tables and graphs showing statistics, including top domains and countries using the site, most frequently visited pages, browsers and operating systems (OSs) used to view the site, effectiveness of ads, and bandwidth use.

PRICE: \$4999

COMPANY NAME: Microsoft Corp (112127)

SPECIAL FEATURE: Screen Layouts Charts

DESCRIPTORS: Authoring Systems; Electronic Publishing; IBM, PC & Compatibles; Internet Marketing; Internet Utilities; Market Research; Network Administration; Network Software; Web Site Design

REVISION DATE: 20020630

20/5/31

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00101531 DOCUMENT TYPE: Review

PRODUCT NAMES: Backstage Internet Studio (656135); Adobe PageMill 2.0 (579645); NetObjects Fusion 2.0 (632601)

TITLE: Internet: Backstage Beefs Up Your Web Pages:...

AUTHOR: Dyszel, Bill Caster, Kathleen Grunin, Lori

SOURCE: Windows Sources, v5 n5 p88(3) May 1997

ISSN: 1065-9641

HOME PAGE: <http://www.winsources.com>

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: A

Macromedia's Backstage Internet Studio, Adobe's PageMill 2.0, and NetObjects' NetObjects Fusion 2.0 are premier Web tools reviewed. Backstage Internet Studio from Macromedia is a solid solution for generating **customized** database-driven **Web content**, allowing developers to add high-end functionality to Web sites without using CGI programming. For sites that contain only simple, static pages, Backstage may be too expensive and powerful. Adobe PageMill 2.0 from Adobe is an easy-to-use WYSIWYG editor that allows Web-page authors to quickly create and edit HyperText Markup Language (HTML) pages. It features drag-and-drop support, creates easy tables, and offers cross platform support, but has no ActiveX or database support. NetObjects Fusion 2.0 is an excellent design automation tool for serious Web site designers that easily creates complex pages, such as those with frames, and contains the ability to import remote sites and pages. NetObjects contains several interface quirks, such as inconsistencies between modules, but overall, it is a site design and

management tool that can complete serious Web projects.

COMPANY NAME: Macromedia Inc (423106); Adobe Systems Inc (394173);  
Website Pros Inc (622524)  
SPECIAL FEATURE: Screen Layouts  
DESCRIPTORS: Authoring Systems; Electronic Publishing; HTML; IBM PC &  
Compatibles; Internet Marketing; Internet Utilities; Web Site Design;  
Windows; WYSIWYG  
REVISION DATE: 20011224

20/5/32

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00101510 DOCUMENT TYPE: Review

PRODUCT NAMES: XML (837709)

TITLE: XML Spec May Transform The Web  
AUTHOR: Rodriguez, Karen  
SOURCE: Interactive Week, v4 n15 p45(1) May 12, 1997  
ISSN: 1078-7259  
HOMEPAGE: <http://www.interactive-week.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

eXtensible Markup Language (XML) a new markup language from the World Wide Web Consortium (W3C), could make the Web more intelligent and interactive. XML will support **Web personalization**, better searching, push technology, and more sophisticated handling of complicated data on client systems. XML defines, validates, and allows sharing of document formats. Web users create, manage, and gain access to individualized and customized content on the Web. Hypertext Markup Language (HTML) cannot support structured data, such as database tables in Web pages, but with XML, companies can distribute structured databases that users can skillfully maneuver as needed. SML is a subset of Standard Generalized Markup Language (SGML), but is easier to use and can be used as the network delivery method for SGML documents. HTML is good for presentations, but does not support client-side information processing. For instance, it is not useful for publishing such documents as auto industry technical manuals, which have many part numbers and descriptions of parts assemblies. In addition, HTML does not allow Web-based human resource applications to show new data types, including date of hire and date of birth. However, XML has application-targeted tags that better organize and define content.

COMPANY NAME: Vendor Independent (999999)  
SPECIAL FEATURE: Charts  
DESCRIPTORS: Authoring Systems; Electronic Publishing; Internet Utilities;  
SGML; Standards; Web Site Design; XML  
REVISION DATE: 20010930

20/5/33

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00100654 DOCUMENT TYPE: Review

PRODUCT NAMES: Microsoft Site Server Enterprise Edition 2.0 (658057)

TITLE: Microsoft suite has strong tools for distributed sites  
AUTHOR: Symoens, Jeff  
SOURCE: InfoWorld, v19 n19 p96(1) May 12, 1997  
ISSN: 0199-6649

·  
HOMEPAGE: <http://www.infoworld.com>

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: A

Microsoft Site Server Enterprise Edition (SSEE) 2.0 beta, an Internet server management suite, is a very good choice for users of Microsoft's Microsoft Windows NT Server and Internet Information Server (IIS) because it provides tools tailored for those packages. However, only a few of its tools provide broad-based support for multiple platforms. The quintessential toolkit for adding electronic commerce, individualized content, and management to IIS-based Internet sites, SSEE's components include a Usage Analyst; Site Analyst; Internet Locator Service; Web Publishing Wizard, Posting acceptor; Microsoft Personalization System (MPS); Content Replication System; Visual InterDev (on a limited promotion until the end of 1997); Commerce Server Enterprise Edition; and Usage Analyst Enterprise Edition, with support for an advanced feature set. Server and client-based applications are provided that provide Webmasters with a full-functioned set of tools for production, deployment, and management of robust, distributed Web sites based on Windows NT 4.0. Commerce Server, SSEE's foundational module, needs substantial customization of content to optimize its usefulness. All of Commerce Server's dynamic page generation logic has been rewritten as Active Server Pages that require either VBScript or JavaScript. MPS, which provides live, **customized Web content** on users' desktops, includes a user database, NT-based Sendmail, and Hypertext Markup Language (HTML) sample templates with dynamic ASP source code.

PRICE: \$1499

COMPANY NAME: Microsoft Corp (112127)

SPECIAL FEATURE: Charts Screen Layouts

DESCRIPTORS: Electronic Publishing; IBM PC & Compatibles; Internet Marketing; Internet Utilities; Network Administration; Network Servers; Network Software; Web Servers; Webmasters; Windows NT/2000

REVISION DATE: 20020630

20/5/34

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.

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00098642

DOCUMENT TYPE: Review

PRODUCT NAMES: PointCast Network (596728); Freeloader 2.0 (626036); BackWeb Infocenter (646598); Newscatcher (638463)

TITLE: Web Performance Enhancers: Don't Let Them Push You Around

AUTHOR: Miastkowski, Stan

SOURCE: PC World, v15 n3 p66(3) Mar 1997

ISSN: 0737-8939

HOMEPAGE: <http://www.pcworld.com>

RECORD TYPE: Review

REVIEW TYPE: Product Comparison

GRADE: Product Comparison, No Rating

PointCast's PointCast Network news delivery service, Individual's Freeloader 2.0, BackWeb Technologies' BackWeb, Intermind's Intermind Communicator, and Global Village Communications' Newscatcher are World Wide Web performance enhancers discussed. They are either push products like PointCast Network, which automatically sends **customized Web content** to the PC's desktop when the user connects to the Internet, or pull products, which are offline browsers that allow users to search the Web and download information from preferred sites at preset times. Pull methods can be scheduled to download during off-peak times. With push products like

Freeloader, users can configure a personal channel set, after telling the software during installation some demographic information, including age, location, profession, and income. BackWeb provides a consumer-oriented channel list, including astrology, dating and singles information, music, PBS, and the Weather Channel, as well as technical and business channels. Communicator provides business, health, news, politics, science, and technology choices, and was one of the easiest to use. Newscatcher provides wireless transmission support. Pull products include WebWhacker, which allows the user to select portions of Web sites to download, and NetTrievers uses the installed browser and can create slide shows of Web sites for use as screen savers or wallpaper. WebEx 2.0 is one of the easiest offline browsers to use, and allows automated scheduling to grab Web sites.

COMPANY NAME: EntryPoint Inc (662143); NewsEdge Corp (478954); BackWeb Technologies Inc (626163); Tut Systems Inc (600318)  
SPECIAL FEATURE: Tables Screen Layouts  
DESCRIPTORS: Alerts; Front Ends; IBM PC & Compatibles; Information Retrieval; Internet Utilities; News Services  
REVISION DATE: 20030825

20/5/35

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00096850 DOCUMENT TYPE: Review

PRODUCT NAMES: ~~NetCompanion~~ (642142); ~~OneServer~~ (555746); Oracle 7 (004233); BroadVision One-To-One (641022)

TITLE: Web business advances to next stage  
AUTHOR: Maddox, Kate  
SOURCE: Communications Week, v631 p53(1) Sep 30, 1996  
ISSN: 0746-8121

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

NetRadio Network's NetCompanion, Connect's OneServer, Oracle's Oracle 7, and BroadVision's One-to-One are tools that allow companies to **customize** World Wide Web content for specific users. Robert Griggs, CEO for NetRadio Network, says customization of content is the most important factor in successful World Wide Web implementation. NetCompanion is a service that uses BroadVision's One-to-One software to allow Internet users to design customized radio programming using personal profiles. PhotoDisc, an Internet-based vendor of digital stock photography, uses OneServer, which is based on an Oracle 7 RDBMS with a search engine from Fulcrum Technologies and encryption from RSA Data Security. The tool allows Web content providers to generate custom-created pages that recommend particular products, services, or links to sites that meet the users' requirements. A PhotoDisc spokesman says OneServer allows vendors to change any activity on the site based on users' behaviors when linked to the site. One-to-One software emphasizes dynamic content processing on the front end, while OneServer offers a full-fledged solution for electronic commerce, including content generation and transaction processing.

COMPANY NAME: NetRadio Corp (625051); Calico Commerce Inc (622648); Oracle Corp (010740); BroadVision Inc (618608)  
SPECIAL FEATURE: Screen Layouts  
DESCRIPTORS: Authoring Systems; Database Management; Electronic Publishing; Internet Marketing; Internet Utilities; Oracle; Web Site Design  
REVISION DATE: 20030428

20/5/36

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.

00068402 DOCUMENT TYPE: Review

PRODUCT NAMES: Corsair (508586); AT&T Public Data Services (524093)

TITLE: Novell's Corsair to Pipe Into Internet

AUTHOR: Horwitt, Elisabeth

SOURCE: Computerworld, v28 n39 p8(1) Sep 26, 1994

ISSN: 0010-4841

HOME PAGE: <http://www.computerworld.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

Corsair, under development by the Novell Advanced Client group, provides a 3D Mosaic-type interface for browsing the Internet World Wide Web. It also supports local NetWare or UnixWare servers and remote servers connected through a public data network, such as AT&T NetWare Connect Services. Corsair ships in 1995 to support Microsoft Windows 95. Novell will compete with the Internet for new business markets using AT&T Public Data Services, which allows businesses to establish **information** services on AT&T private network links. Novell also plans alliances with other commercial carriers in U.S. regions and abroad. One user interviewed, a LAN and PC system manager for a major delivery service, states that Connect Services can ease **customized** communications. Several other important vendors, including IBM and Microsoft, also plan Internet browsers in the near future.

COMPANY NAME: Novell Inc (344893); AT&T Corp (546194)

DESCRIPTORS: Internet; Internet Utilities; Network Software; Operating Systems; User Interfaces

REVISION DATE: 20030527

Set	Items	Description
S1	109257	PERSONALI? OR CUSTOMI? OR INDIVIDUALI?
S2	68	S1(3N)WEB() (CONTENT OR INFORMATION)
S3	12828	(AUTOMATIC? OR INSTINCTIVE? OR SPONTANEOUS? OR INVOLUNTAR? OR IMPULSIVE?) (5N) ( ADJUST? OR SYNCHRONI? OR SYNC OR UPDATE? - OR CONFORM? OR AGREE? OR ACCORD?)
S4	1	S3(3N) ((INFORMATION OR DATA OR FACT? OR KNOWLEDGE) () CONTEN-T)
S5	636825	RECREAT? OR COPY OR COPIES OR REPRODUC? OR DUPLICAT? OR RE-MAK?
S6	59960	WEB() (PAGE? OR SITE?) OR WEBSITE? OR WEBPAGE? OR HOME() PAGE? OR HOMEPAGE?
S7	90105	(INFORMATION OR DATA OR FACT? OR KNOWLEDGE) (2N) (SEEK? OR SEARCH? OR QUER? OR LOOK? OR REQUEST? OR INQUIR? OR INTERROGAT? OR EXTRACT?)
S8	18136	(INTERACT? OR COMBINE? OR LINK? OR ASSOCIAT? OR RELAT? OR JOIN? OR CONNECT? OR INTEGRAT? OR MERGE) (2N) (SEQUENCE? OR QUEUE OR QUEUED OR QUEUING OR QUEUEING OR RANK? OR (LOGICAL OR SERIAL) () ORDER)
S9	169626	PARTIAL() EVALUATION OR PIPE
S10	107	WEB() S1
S11	132	S5 (3N) S6
S12	0	S11 AND S2
S13	3	S11 AND WEB() (CONTENT OR INFORMATION)
S14	23	S7 (3N) S8
S15	0	S14 AND S2
S16	4	S9 AND WEB() (CONTENT OR INFORMATION)
S17	107	S9 AND S1
S18	3	S17 AND S6
S19	21	S17 AND (CONTENT OR INFORMATION)
S20	118	S2 OR S4 OR S13 OR S14 OR S16 OR S18 OR S19
S21	102	S20 NOT PY>2001
S22	102	S21 NOT PD>20011109
S23	84	RD (unique items)
File	8: Ei Compendex(R)	1970-2004/Mar W3 (c) 2004 Elsevier Eng. Info. Inc.
File	35: Dissertation Abs Online	1861-2004/Mar (c) 2004 ProQuest Info&Learning
File	202: Info. Sci. & Tech. Abs.	1966-2004/Feb 27 (c) 2004 EBSCO Publishing
File	65: Inside Conferences	1993-2004/Mar W4 (c) 2004 BLDSC all rts. reserv.
File	2: INSPEC	1969-2004/Mar W3 (c) 2004 Institution of Electrical Engineers
File	233: Internet & Personal Comp. Abs.	1981-2003/Sep (c) 2003 EBSCO Pub.
File	94: JICST-EPlus	1985-2004/Mar W2 (c) 2004 Japan Science and Tech Corp(JST)
File	99: Wilson Appl. Sci & Tech Abs	1983-2004/Feb (c) 2004 The HW Wilson Co.
File	95: TEME-Technology & Management	1989-2004/Mar W2 (c) 2004 FIZ TECHNIK
File	583: Gale Group Globalbase(TM)	1986-2002/Dec 13 (c) 2002 The Gale Group

23/5/3 (Item 3 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
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05928152 E.I. No: EIP01436705990

**Title: Incremental clustering for profile maintenance in information gathering web agents**

Author: Somlo, G.L.; Howe, A.E.

Corporate Source: Computer Science Department Colorado State University, Fort Collins, CO 80523, United States

Conference Title: Fifth International Conference on Autonomous Agents

Conference Location: Montreal, Que., Canada Conference Date: 20010528-20010601

Sponsor: IBM; Agent Institute; SIEMENS; SIGCHI

E.I. Conference No.: 58605

Source: Proceedings of the Interantional Conference on Autonomous Agents 2001. p 262-269

Publication Year: 2001

Language: English

Document Type: CA; (Conference Article) Treatment: T; (Theoretical)

Journal Announcement: 0111W1

Abstract: User profiles are the central component of most **personalized Web information** agents. They consist of a set of models representing the various topics of interest to the user. Often the agent learns the user's preferences from examples of documents deemed relevant to the user. The topic of the document can either be supplied by the user (active modeling), or it must be guessed by the agent (passive modeling), which is more convenient but is expected to diminish the agent's accuracy. We present an empirical study assessing the trade-offs in passive versus active document classification. We compare a manual profile maintenance technique in which the user supplies the document topic, and two incremental clustering methods (greedy and the doubling algorithm) for automated maintenance of the user profile components. The study is performed using our SurfAgent, a testbed information gathering Web agent. Our evaluation methodology exploits the strong parallel between Web information agents and text filtering; we use text filtering benchmarks from the information retrieval community (TREC disk #5) to simulate user behavior and thus speed up data collection, exert additional experimental control and improve the objectivity of our results. 22 Refs.

Descriptors: \*Software agents; Learning systems; Information retrieval; Learning algorithms; User interfaces

Identifiers: Web information agents

Classification Codes:

723.4 (Artificial Intelligence); 723.5 (Computer Applications); 903.3 (Information Retrieval & Use); 722.2 (Computer Peripheral Equipment)

723 (Computer Software, Data Handling & Applications); 903 (Information Science); 722 (Computer Hardware)

72 (COMPUTERS & DATA PROCESSING); 90 (ENGINEERING, GENERAL)

23/5/5 (Item 5 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
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05760593 E.I. No: EIP01015478872

**Title: PIPE : Web personalization by partial evaluation**

Author: Ramakrishnan, Naren

Corporate Source: Virginia Polytechnic Inst and State Univ

Source: IEEE Internet Computing v 4 n 6 Nov 2000. p 21-31

Publication Year: 2000

CODEN: IICOFX ISSN: 1089-7801

Language: English

Document Type: JA; (Journal Article) Treatment: G; (General Review)

Journal Announcement: 0102W5

Abstract: **Personalization Is Partial Evaluation ( PIPE )** is a **customizable** methodology to **personalize** Web resources. It models



**personalization** as a form of **partial** evaluation. This article describes the **PIPE** methodology and presents experimental results demonstrating its effectiveness in two different domains. 12 Refs.

Descriptors: World Wide Web; Security of data; Data privacy; **Websites** ; Search engines; **Information** retrieval; Algorithms; Interfaces (computer); Data mining; Data structures

Identifiers: Web **personalization** ; **Partial** evaluation ; Collaborative filtering technique; **Web** pages

Classification Codes:

723.5 (Computer Applications); 723.2 (Data Processing); 723.1 (Computer Programming); 722.2 (Computer Peripheral Equipment)  
723 (Computer Software); 722 (Computer Hardware)  
72 (COMPUTERS & DATA PROCESSING)

23/5/29 (Item 1 from file: 65)

DIALOG(R)File 65:Inside Conferences

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04169388 INSIDE CONFERENCE ITEM ID: CN043761493

**Supporting Collaborative Authoring of Web Content by Customizable Resource Repositories**

Kovse, J.; Harder, T.; Ritter, N.; Steiert, H.-P.; Mahnke, W.

CONFERENCE: Informatik 2001; Wirtschaft und Wissenschaft in der Network Economy -Visionen und Wirklichkeit, Tagungsband der GI/OCG

Jahrestagung 2001-Jahrestagung

BOOKS@OCG.AT, 2001; ISSU 157; NO 1 P: 358-367

Osterreichische Computer Gesellschaft, 2001

ISBN: 3854031572

LANGUAGE: German DOCUMENT TYPE: Conference Papers

CONFERENCE EDITOR(S): Bauknecht, K.; Brauer, W.; Muck, T.

CONFERENCE SPONSOR: Osterreichische Computer Gesellschaft

CONFERENCE LOCATION: Vienna 2001; Sept (200109) (200109)

BRITISH LIBRARY ITEM LOCATION: 2250.260000

NOTE:

Papers in German and English

DESCRIPTORS: informatik; network economy; OCG; visionen; wirtschaft; wissenschaft

23/5/30 (Item 2 from file: 65)

DIALOG(R)File 65:Inside Conferences

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03411848 INSIDE CONFERENCE ITEM ID: CN036013564

**WAPing the Web : Content Personalisation for WAP-Enabled Devices**

Cotter, P.; Smyth, B.

CONFERENCE: Adaptive hypermedia and adaptive web-based systems-  
International conference

LECTURE NOTES IN COMPUTER SCIENCE, 2000; (NO) 1892 P: 98-108

New York, Springer, 2000

ISSN: 0302-9743 ISBN: 3540679103

LANGUAGE: English DOCUMENT TYPE: Conference Papers. described as proceedings

CONFERENCE EDITOR(S): Brusilovsky, P.; Stock, O.; Strapparava, P.

CONFERENCE LOCATION: Trento, Italy

CONFERENCE DATE: Aug 2000

BRITISH LIBRARY ITEM LOCATION: 5180.185000

DESCRIPTORS: adaptive hypermedia; adaptive web-based systems

23/5/31 (Item 3 from file: 65)

DIALOG(R)File 65:Inside Conferences

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02316141 INSIDE CONFERENCE ITEM ID: CN024252810  
**Integrating query expansion and conceptual relevance feedback for  
personalized Web information retrieval**  
Chang, C.-H.; Hsu, C.-C.  
CONFERENCE: International world wide web conference-7th  
COMPUTER NETWORKS AND ISDN SYSTEMS, 1998; VOL 30; NUMBER 1/7 P: 621-623  
Elsevier Science, 1998  
ISSN: 0169-7552  
LANGUAGE: English DOCUMENT TYPE: Conference Papers  
CONFERENCE SPONSOR: International World Wide Web Conference Committee  
(IW3C2)  
CONFERENCE LOCATION: Brisbane, Australia  
CONFERENCE DATE: Apr 1998 (199804) (199804)

BRITISH LIBRARY ITEM LOCATION: 3394.117000

NOTE:

Also known as WWW7

DESCRIPTORS: world wide web; WWW

23/5/32 (Item 1 from file: 2)  
DIALOG(R)File 2:INSPEC  
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7149166

**Title: The power of personalization [ Web content ]**  
Author(s): Parkes, C.  
Journal: Enterprise Systems Journal vol.16, no.12 p.44-9  
Publisher: 101communications LLC,  
Publication Date: Dec. 2001 Country of Publication: USA  
CODEN: ESJNAI ISSN: 1053-6566  
SICI: 1053-6566(200112)16:12L:44:PPC;1-K  
Material Identity Number: F430-2001-012  
Language: English Document Type: Journal Paper (JP)  
Treatment: Applications (A); Practical (P)  
Abstract: **Web content personalization** is the new competitive weapon  
in Web technologies. By better understanding your users, you can provide  
them with a more personally relevant online experience-and make your sites  
more profitable.  
Subfile: D  
Descriptors: electronic commerce; information resources; retailing  
Identifiers: **Web content personalization**; competitive weapon; Web  
site; e-tailers; online retailers; customer loyalty; rules-based  
personalization; collaborative filtering; user profile personalization; Web  
technologies  
Class Codes: D2140 (Marketing, retailing and distribution applications  
of IT); D2080 (Information services and database systems in IT)  
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23/5/34 (Item 3 from file: 2)  
DIALOG(R)File 2:INSPEC  
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7107059 INSPEC Abstract Number: C2002-01-7220-005

**Title: Visualization of usage patterns for web personalization**  
Author(s): Perotti, V.; Burke, A.  
Author Affiliation: Manage. Inf. Syst., Rochester Inst. of Technol. Coll.  
of Bus., NY, USA  
Conference Title: Managing Information Technology in a Global  
Environment. 2001 Information Resources Management Association  
International Conference p.1067-8  
Editor(s): Khosrowpour, M.  
Publisher: Idea Group Publishing, Hershey, PA, USA  
Publication Date: 2001 Country of Publication: USA 1202 pp.  
ISBN: 1 930708 07 6 Material Identity Number: XX-2001-02361  
Conference Title: Managing Information Technology in a Global

Environment. 2001 Information Resources Management Association  
International Conference

Conference Date: 20-23 May 2001 Conference Location: Toronto, Ont.,  
Canada

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: The rise of the Internet has created new and unique demands for information management. Perhaps none of these demands is more important than the need to understand users and their usage patterns. By leveraging an understanding of usage patterns, **personalization** and **customization** of **web content** have become commonplace features on many e-business web sites. Consumers, however, enjoy their right to privacy and are increasingly wary when their personal information is requested. A less invasive approach is to look at the aggregate behavior of all users, and to try to identify trends therein. Once these trends are identified, a user can be classified as a member of a particular group, and **customized web content** can be delivered. The present paper discusses both these research streams, and then explains how we build on them to create a new visualization of web sites. Our new visualization, the web usage plot, will make use of a scatter plot to show groupings of web pages based on their usage. (9 Refs)

Subfile: C

Descriptors: business data processing; information use; Internet

Identifiers: Internet; usage patterns; eBusiness web sites; web content; web usage plot; customization; aggregate behavior

Class Codes: C7220 (Generation, dissemination, and use of information); C7100 (Business and administration); C7210N (Information networks)

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23/5/37 (Item 6 from file: 2)

DIALOG(R) File 2:INSPEC

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6999418 INSPEC Abstract Number: C2001-09-7250N-009

**Title: Personalization with Dynamic Profiler**

Author(s): Kun-Lung Wu; Aggarwal, C.G.; Yu, P.S.

Author Affiliation: IBM Thomas J. Watson Res. Center, Yorktown Heights, NY, USA

Conference Title: Proceedings Third International Workshop on Advanced Issues of E-Commerce and Web-Based Information Systems. WECWIS 2001 p. 12-20

Publisher: IEEE Comput. Soc, Los Alamitos, CA, USA

Publication Date: 2001 Country of Publication: USA x+231 pp.

ISBN: 0 7695 1224 0 Material Identity Number: XX-2001-01377

U.S. Copyright Clearance Center Code: 1530 1354/2001/\$10.00

Conference Title: Proceedings Third International Workshop on Advanced Issues of E-Commerce and Web-Based Information Systems. WECWIS 2001

Conference Sponsor: Chutney Technol.; IBM Inst. Adv. Commerce; REDSonic

Conference Date: 21-22 June 2001 Conference Location: San Juan, CA, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: Personalization of Web contents has been widely adopted. It provides users with a more customized experience of a Web site. In this paper, we describe a prototype system, called Dynamic Profiler, that generates dynamic user profiles for personalization. The system can be used in many personalized applications, including targeted advertising, product or content recommendations, and user community services. It uses content-based collaborative filtering techniques to create dynamic user profiles, form user communities and make recommendations. The system analyzes user logs, fetches the documents accessed and categorizes them. Each user is then described by a vector of document categories. Such user characterizations are then used to find user communities based on a projected clustering scheme. The log processing and content categorization are run periodically off-line to capture dynamic user profiles, which are then used online for personalized applications. (30 Refs)

Subfile: C

Descriptors: advertising data processing; classification; information resources; online front-ends; personal information systems; user modelling

Identifiers: Dynamic Profiler; World Wide Web content

**personalization** ; customized experience; dynamic user profile generation; targeted advertising; product recommendations; content recommendations; user community services; content-based collaborative filtering techniques; user log analysis; document fetching; document categorization; user description; document category vector; user characterization; projected clustering scheme; content categorization; off-line processing

Class Codes: C7250N (Search engines); C6170K (Knowledge engineering techniques); C6180 (User interfaces); C7210N (Information networks); C7240 (Information analysis and indexing)

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23/5/44 (Item 13 from file: 2)

DIALOG(R) File 2:INSPEC

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6308678 INSPEC Abstract Number: C1999-09-7210N-021

**Title: PowerBookmarks: a system for personalizable Web information organization, sharing, and management**

Author(s): Wen-Syan Li; Quoc Vu; Chang, E.; Agrawal, D.; Hirata, K.; Mukherjea, S.; Yi-Leh Wu; Bufl, C.; Chang, C.-C.K.; Hara, Y.; Ito, R.; Kimura, Y.; Shimazu, K.; Saito, Y.

Author Affiliation: C&C Res. Labs., NEC USA Inc., San Jose, CA, USA

Journal: SIGMOD Record Conference Title: SIGMOD Rec. (USA) vol.28, no.2 p.565-7

Publisher: ACM,

Publication Date: June 1999 Country of Publication: USA

CODEN: SRECD8 ISSN: 0163-5808

SICI: 0163-5808(199906)28:2L:565:PSPI;1-H

Material Identity Number: A660-1999-002

U.S. Copyright Clearance Center Code: 0163-5808/99/\$05...\$5.00

Conference Title: 1999 ACM SIGMOD International Conference on Management of Data

Conference Date: 1-3 June 1999 Conference Location: Philadelphia, PA, USA

Language: English Document Type: Conference Paper (PA); Journal Paper (JP)

Treatment: Practical (P)

Abstract: Users of the World Wide Web are overloaded with information. We believe that Web users would like to build and organize a larger collection of bookmarks for future reference than they can reasonably maintain now. PowerBookmarks is being developed under the auspices of the larger WebDB project to address this issue. The WebDB hypermedia database system is built on top of the NEC PERCIO object-oriented DBMS. WebDB aims at supporting database-like comprehensive query functionalities as well as navigation on document structures, contents and linkage information to support advanced functionalities. PowerBookmarks supports information sharing with access control. PowerBookmarks supports automated bookmark classification based on document contents through an external classifier. PowerBookmarks also provides many useful personalized services, such as automated dead-link and inactive link removal and new or modified document subscription services. A proxy server is used to monitor users' behavior to provide automated bookmarking for frequently accessed URLs. PowerBookmarks utilizes the query, modeling and navigation capabilities provided by WebDB while augmenting them with information sharing, access control and personalization functionalities. This demonstration highlights many features of an advanced and **personalizable Web information management system**. (10 Refs)

Subfile: C

Descriptors: hypermedia; information resources; personal information systems

Identifiers: PowerBookmarks; personalizable information organization; information sharing; World Wide Web; information overload; WebDB project;

hypermedia database system; NEC PERCIO object-oriented DBMS; database-like comprehensive query functionalities; information navigation; document structures; document contents; linkage information; automated dead-link link removal; inactive link removal; document subscription services; proxy server; user behaviour monitoring; automated bookmarking; frequently accessed URLs; querying; access control; information management system; automated bookmark classification; external classifier; hyperlinks

Class Codes: C7210N (Information networks); C6130D (Document processing techniques); C6130M (Multimedia)

Copyright 1999, IEE

23/5/45 (Item 14 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

6201367 INSPEC Abstract Number: C1999-05-7210L-006

**Title: Meeting the needs (and preferences) of a diverse World Wide Web audience**

Author(s): Hysell, D.

Author Affiliation: Online Comput. Libr. Center Inc., Dublin, OH, USA

Conference Title: Sixteenth Annual. International Conference of Computer Documentation. Conference Proceedings. Scaling the Heights: Future of Information Technology p.164-72

Publisher: ACM, New York, NY, USA

Publication Date: 1998 Country of Publication: USA ix+291 pp.

ISBN: 1 58113 004 X Material Identity Number: XX-1998-02444

U.S. Copyright Clearance Center Code: 1 58113 004 X/98/0009/\$5.00

Conference Title: Proceedings of ACM SIGDOC 1998 Conference. Scaling the Heights: The Future of Information Technology

Conference Date: 23-26 Sept. 1998 Conference Location: Quebec City, Que., Canada

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: OCLC Online Computer Library Center, Inc., is a nonprofit, membership, computer library service and research organization. Libraries of all types use OCLC systems and software to help manage their collections and provide reference services. OCLC's experience in designing and redesigning its Web sites to meet audience needs is typical of many organizations with small to medium sites. **Customizing Web content and personalizing** the user's Web site experience require an integrated set of document management and personalization tools. (26 Refs)

Subfile: C

Descriptors: document handling; information resources; information retrieval; library automation

Identifiers: diverse World Wide Web audience; Web site design; audience needs; Web content; Web site experience; document management;

personalization tools; Online Computer Library Center; computer library service; research organization; OCLC systems; reference services

Class Codes: C7210L (Library automation); C7210N (Information networks); C6130D (Document processing techniques); C7250R (Information retrieval techniques)

Copyright 1999, IEE

23/5/47 (Item 16 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

5498712

**Title: Web sites get personal**

Author(s): Wilder, C.

Journal: InformationWEEK no.614 p.70-1

Publisher: CMP Publications,

Publication Date: 20 Jan. 1997 Country of Publication: USA

CODEN: INFWE4 ISSN: 8750-6874

SICI: 8750-6874(19970120)614L:70:SP;1-V

Material Identity Number: I819-97005  
Language: English Document Type: Journal Paper (JP)  
Treatment: Practical (P)  
Abstract: Hoping to help Web sites deliver on the promise of one-to-one marketing, MicroMass Communications Inc. this week will introduce IntelliWeb, a tool that generates **personalized Web content** on the fly for individual users. (0 Refs)  
Subfile: D  
Descriptors: integrated software; Internet; marketing  
Identifiers: Web sites; one-to-one marketing; MicroMass Communications; IntelliWeb; **personalized Web content** generation  
Class Codes: D2140 (Marketing, retailing and distribution); D2080 (Information services and database systems)  
Copyright 1997, IEE

23/5/51 (Item 3 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
(c) 2003 EBSCO Pub. All rts. reserv.

00636874 01IW07-012

**Your way, right away on the Web -- Dynamic content acceleration speeds up personalized Web - content delivery without the need for pricey hardware**

Borck, James R  
InfoWorld , July 2, 2001 , v23 n27 p32, 1 Page(s)  
ISSN: 0199-6649  
Company Name: Chutney Technologies  
Product Name: PreLoader 3.0  
Languages: English  
Document Type: Articles, News & Columns  
Geographic Location: United States

Talks about dynamic content acceleration, one of four technologies spotlighted by 'InfoWorld' magazine that address enterprises' need to handle the explosion of data and to make that information available to employees, customers, and business partners around the globe. Explains that a content accelerator sits "between" a company's Web server and back-end resources to intercept incoming script requests. Mentions that the accelerator completes the Hypertext Markup Language (HTML) response page using cached data such as frequently requested catalog products, articles, news items, and stock prices. Says that the software-based approach improves electronic commerce transactions without the need to scale up costly back-end resources. Describes the PreLoader 3.0 dynamic content acceleration software from Chutney Technologies. Includes a sidebar, a photo, and a screen display. (MEM)

Descriptors: Accelerator; Caching; Web Management; Information Retrieval; Web Tools; Electronic Commerce; Online Transaction Processing  
Identifiers: PreLoader 3.0; Chutney Technologies

23/5/53 (Item 5 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
(c) 2003 EBSCO Pub. All rts. reserv.

00633354 01IK06-013

**Personalization isn't a product -- New emphasis on biz processes**

Kemp, Ted  
InternetWeek , June 4, 2001 , n864 p1, 52, 2 Page(s)  
ISSN: 0746-8121  
Languages: English  
Document Type: Articles, News & Columns  
Geographic Location: United States

Focuses on personalization in business-to-consumer (B2C) electronic commerce. Reports that vendors and customers are realizing that truly personalized e-commerce requires a reexamination of business processes and marketing strategies as much as the installation of packaged software. Says that **personalization** products, which modify **Web content** to customers'

stated preferences or behavior patterns, represent the most overhyped and underdelivered part of Internet retailing. Explains that BroadVision's consulting service provides a password-protected site that leads BroadVision customers through an assessment of their market goals, business goals, and technology options, to help them craft personalization strategy. Notes that product recommendation engines dynamically make sales pitches to consumers based on aggregated historical purchasing data rather than stated preferences. Includes a sidebar. (MEM)

Descriptors: Customer Service; Electronic Commerce; Retailing; Electronic Shopping; Interactivity; Customer Relations Management; Consulting

23/5/56 (Item 8 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

(c) 2003 EBSCO Pub. All rts. reserv.

00624207 01IZ03-007

**Custom fit -- Personalization can greatly improve productivity and usability while providing key marketing advantages**

White, Colin

Intelligent Enterprise , March 8, 2001 , v4 n4 p26-31, 5 Page(s)

ISSN: 1524-3621

Languages: English

Document Type: Articles, News & Columns

Geographic Location: United States

Talks about personalization in business-to-consumer (B2C) and business-to-business (B2B) electronic commerce. Reports that **personalization** applications **customize** the **Web content** that consumers and business users view through their desktop and mobile online interfaces. Says that personalization applications employ either inference-based or rules-based techniques. Explains that inference-based software is used for cross-selling and when is known about customers and their preferences. Mentions that rules-based software is used during marketing campaigns to sell specific products or services. Indicates that to achieve customer loyalty, personalization must be customer-centric, not product-centric. as is the case with many Web sites. Includes a sidebar, a diagram, and a photo. (MEM)

Descriptors: Customer Service; Customer Relations Management; Electronic Commerce; Business-to-Business Commerce; Sales; Marketing

23/5/59 (Item 11 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

(c) 2003 EBSCO Pub. All rts. reserv.

00616734 00PI12-245

**Content control**

Rupley, Sebastian

PC Magazine , December 19, 2000 , v19 n22 p83, 1 Page(s)

ISSN: 0888-8507

Languages: English

Document Type: Articles, News & Columns

Geographic Location: United States

Reports that Web content management and content diversification tools grabbed the spotlight at the Internet World event in New York, NY. States that Intel executive Paul Otellini.. has. said that the challenge facing information technology infrastructure decision makers is shifting from increasing individual productivity to enterprise productivity, and from personal empowerment to customer empowerment. Relates that this sentiment was echoed by vendors of customer relationship management (CRM) and content management applications. Mentions that the pressure is on content management outsourcers to give site managers more control over **customizing Web content** . Discusses Akamai Technologies' introduction of a customer-oriented portal. Notes the introduction of tools to translate site content from English to foreign languages. Includes a photo. (MEM)

Descriptors: Web Management; Information Technology; Asset Management;

Customer Relations Management; Web Tools; Conference; Shows

23/5/73 (Item 1 from file: 99)

DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs

(c) 2004 The HW Wilson Co. All rts. reserv.

2173284 H.W. WILSON RECORD NUMBER: BAST00053685

**Intermediaries personalize information stream**

Maglio, Paul; Barrett, Rob

Communications of the ACM v. 43 no8 (Aug. 2000) p. 96-101

DOCUMENT TYPE: Feature Article ISSN: 0001-0782 LANGUAGE: English

RECORD STATUS: Corrected or revised record

ABSTRACT: Part of a special section on personalization. Intermediaries already play an important part in mediating interactions between web users and web sites. Intermediaries, which are located between producer and consumer, increasingly are able to **personalize web information** for individuals, devices, and situations. Because providers of web information cannot predict their uses, third-party intermediaries will play an increasing role in adapting and personalizing information on the web.

DESCRIPTORS: Intelligent agents (Computer programs); Push technology  
(Computer science); Design for usability;



Set	Items	Description
S1	822898	PERSONALI? OR CUSTOMI? OR INDIVIDUALI?
S2	1400	S1(3N)WEB() (CONTENT OR INFORMATION)
S3	61463	(AUTOMATIC? OR INSTINCTIVE? OR SPONTANEOUS? OR INVOLUNTAR? OR IMPULSIVE?) (5N) ( ADJUST? OR SYNCHRONI? OR SYNC OR UPDATE? - OR CONFORM? OR AGREE? OR ACCORD?)
S4	1	S3(3N) ((INFORMATION OR DATA OR FACT? OR KNOWLEDGE) ( ) .CONTEN- T)
S5	1391637	RECREAT? OR COPY OR COPIES OR REPRODUC? OR DUPLICAT? OR RE- MAK?
S6	3041958	WEB() (PAGE? OR SITE?) OR WEBSITE? OR WEBPAGE? OR HOME() PAG- E? OR HOMEPAGE?
S7	490294	(INFORMATION OR DATA OR FACT? OR KNOWLEDGE) (2N) (SEEK? OR S- EARCH? OR QUER? OR LOOK? OR REQUEST? OR INQUIR? OR INTERROGAT? OR EXTRACT?)
S8	35817	(INTERACT? OR COMBINE? OR LINK? OR ASSOCIAT? OR RELAT? OR - JOIN? OR CONNECT? OR INTEGRAT? OR MERGE) (2N) (SEQUENCE? OR QUE- UE OR QUEUED OR QUEUEING OR QUEUEING OR RANK? OR (LOGICAL OR S- ERIAL) ( ) ORDER)
S9	159267	PARTIAL() EVALUATION OR PIPE
S10	771	WEB() PERSONALI?
S11	2150	S2 OR S10
S12	0	(S5 (3N) S6) (S) S11
S13	4867	S5 (3N) S6
S14	37	S13 (S) WEB() (CONTENT OR INFORMATION)
S15	10	S7 (3N) S8
S16	42	S9 (S) WEB() (CONTENT OR INFORMATION)
S17	1	S9 (S) S11
S18	531	S11 (S) S6
S19	201	S18 (S) S10
S20	0	S19 (S) S15
S21	0	S19 (S) S9
S22	91	S4 OR S14 OR S15 OR S16 OR S17
S23	83	S22 NOT PY>2001
S24	82	S23 NOT PD>20011109
S25	64	RD (unique items)
File	15:ABI/Inform(R)	1971-2004/Apr 01 (c) 2004 ProQuest Info&Learning
File	810:Business Wire	1986-1999/Feb 28 (c) 1999 Business Wire
File	647:CMP Computer Fulltext	1988-2004/Mar W3 (c) 2004 CMP Media, LLC
File	275:Gale Group Computer DB(TM)	1983-2004/Apr 02 (c) 2004 The Gale Group
File	674:Computer News Fulltext	1989-2004/Mar W3 (c) 2004 IDG Communications
File	696:DIALOG Telecom. Newsletters	1995-2004/Apr 02 (c) 2004 The Dialog Corp.
File	624:McGraw-Hill Publications	1985-2004/Apr 01 (c) 2004 McGraw-Hill Co. Inc
File	636:Gale Group Newsletter DB(TM)	1987-2004/Apr 02 (c) 2004 The Gale Group
File	813:PR Newswire	1987-1999/Apr 30 (c) 1999 PR Newswire Association Inc
File	613:PR Newswire	1999-2004/Apr 02 (c) 2004 PR Newswire Association Inc
File	16:Gale Group PROMT(R)	1990-2004/Apr 02 (c) 2004 The Gale Group
File	160:Gale Group PROMT(R)	1972-1989 (c) 1999 The Gale Group
File	553:Wilson Bus. Abs. FullText	1982-2004/Mar (c) 2004 The HW Wilson Co

25/3,K/1 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

02496427 242053251  
**Information, knowledge, and networked minds**  
Lueg, Christopher  
Journal of Knowledge Management v5n2 PP: 151-159 2001  
ISSN: 1367-3270 JRNL CODE: JOKM  
WORD COUNT: 5674

...TEXT: the focus on modeling information needs is replaced by interactively exploring information environments. Information visualization approaches structure **information seeking** processes into **sequences** of cognitively **relatively** simple steps, such as moving slides or remembering locations.

"Visual information seeking", for example, builds on the...

25/3,K/2 (Item 2 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

02164801 72451131  
**Data management in broadcast**  
Hogan, Carole  
Broadcast Engineering v43n4 PP: 148-153 Apr 2001  
ISSN: 0007-1994 JRNL CODE: BRG  
WORD COUNT: 2417

...TEXT: transitory WAN failures. The file transfers must be capable of being initiated either by operator command or **automatically according** to site **data content** management policy. Because metadata viewing and modification are required and because time-critical file transfers are part  
...

25/3,K/3 (Item 3 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

02132254 68615787  
**Products, ideas launched at demo show**  
Schwartz, Ephraim; Niccolai, James  
InfoWorld v23n7 PP: 10 Feb 12, 2001  
ISSN: 0199-6649 JRNL CODE: IFW  
WORD COUNT: 741

...TEXT: in Campbell, Calif., will ship FineGround Condenser, server software that aims to speed the delivery of dynamic **Web content** to users and reduce bandwidth costs. It achieves this by eliminating redundancy in downloads by storing a **copy** of a **Web page** in a network cache or in a user's browser and then delivering only incremental changes the...

25/3,K/4 (Item 4 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01994412 50836084  
**ISPs tune-in to satellite broadcast**  
Simha, Sesh  
Satellite Communications v24n3 PP: 39-42 Mar 2000  
ISSN: 0147-7439 JRNL CODE: SAC

WORD COUNT: 1897

...TEXT: DVB/IP is merely leveraging the inherent asymmetry of the Internet itself. Most end user messages to **Web content** servers (the return path) are simple text messages requesting content. These messages use very little bandwidth and...

...infrastructure (the kind typically found in rural areas or in developing regions of the world). The big **pipe** is generally needed in the send path where high bandwidth content is being downloaded from a Web...

25/3,K/5 (Item 5 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01480550 01-31538

**Collaborative Web site software aims to ease chaos**

Nerney, Chris

Network World y14n31 PP: 6-8 Aug 4, 1997

ISSN: 0887-7661 JRNL CODE: NWW

WORD COUNT: 514

...ABSTRACT: 1.5, is an author seat client that gives employees private work areas in which to develop **Web content** in isolation from coworkers. Each area provides a virtual **copy** of the **Web site**, enabling employees to work as though they are making changes to the actual Web server. They can...

25/3,K/6 (Item 6 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01264490 99-13886

**Intranet impact**

Passmore, David

Business Communications Review v26n8 PP: 18-20 Aug 1996

ISSN: 0162-3885 JRNL CODE: BCR

...ABSTRACT: how network managers can cope with the effects. Intranets originated when organizations realized the value of making **Web content** accessible to users inside the organization. Intranet servers are differentiated by the location - they are found inside...

... the emergence of Java applets can stress enterprise network infrastructures. By strategically locating proxy servers, which contain **copies** of popular **Web pages**, at remote sites or at sites that are bandwidth-constrained, 2 benefits are gained: 1. Remote users...

25/3,K/7 (Item 1 from file: 647)  
DIALOG(R)File 647:CMP Computer Fulltext  
(c) 2004 CMP Media, LLC. All rts. reserv.

01154359 CMP ACCESSION NUMBER: EET19980225S0007

**Web Engines Get A Brain**

R. Colin Johnson

ELECTRONIC ENGINEERING TIMES 1998, n 995, PG20

PUBLICATION DATE: 980225

JOURNAL CODE: EET LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: Emerging Markets

WORD COUNT: 1411

... learned the typical behaviors of surfers and can subsequently predict the age, sex and demographics of new **Web content** submitted to

it. Advertising copy, new Web pages and any viewable content can be assigned an appropriate context vector, making possible a quick count of ...

25/3,K/12 (Item 4 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

02309515 SUPPLIER NUMBER: 55022198 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Control Web Site Content. (WebTrends' WebTrends Log Analyzer, WebTrends Enterprise Suite;Mercury Interactive's Astra Site Manager, InContext Systems' WebAnalyzer 2.01, Tetranet Software's Linkbot Pro 4.0, Electronic Software Publishing's LinkScan, other Web site analysis software) (Software Review) (Evaluation)**  
Steinke, Steve  
Network, NA  
June 1, 1999  
DOCUMENT TYPE: Evaluation ISSN: 1093-8001 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 3536 LINE COUNT: 00284

... classes of products include server load balancing, bandwidth management, and caching. When the capacity of the network pipe or the raw performance of Web servers can be identified as the principal bottleneck to timely Web content delivery, these technical solutions can clearly make a difference. This article won't pursue these approaches, though...

25/3,K/13 (Item 5 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

02215765 SUPPLIER NUMBER: 21106882 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Proxy Servers Tackle New Chores. (Technology Information)**  
Korzeniowski, Paul  
PC Week, v15, n36, p96(1)  
Sep 7, 1998  
ISSN: 0740-1604 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1273 LINE COUNT: 00109

...ABSTRACT: handle security, remote-access and other WAN-usage control functions to reduce costs. A proxy server houses copies of frequently accessed Web pages closer to the user, easing network flow and increasing the likelihood a user can get access to...

...also behave like firewalls and are useful for strengthening security. Netscape Proxy Server lets administrators filter sensitive Web content and control access; Microsoft Proxy Server provides flexible control over outbound access and can restrict access to...

25/3,K/14 (Item 6 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

02187469 SUPPLIER NUMBER: 20813309 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Alternative Solutions: More than the Average Web Server. (Encanto Networks' Encanto e.go, eSoft's Internet Protocol Adapter 1200, and Whistle Communications' InterJet 100). (Hardware Review)(Evaluation)**  
Rigney, Steve  
PC Magazine, v17, n14, p269(1)  
July, 1998  
DOCUMENT TYPE: Evaluation ISSN: 0888-8507 LANGUAGE: English  
RECORD TYPE: Fulltext  
WORD COUNT: 745 LINE COUNT: 00060

... a simple Windows setup program. You can use either an FTP utility or a browser to publish **Web content** and set up e-mail accounts; we found the browser interface simpler to use. To ease content creation, the InterJet bundles a **copy** of Claris **Home Page** and a trial version of NetObjects Fusion. (Whistle Communications Corp., Foster City, CA; 888-494-4785, 650...

**25/3,K/15 (Item 7 from file: 275)**  
DIALOG(R) File 275:Gale Group Computer DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

02084904 SUPPLIER NUMBER: 19612882  
**Link up with offline. (Lotus Weblicator) (Product Announcement)**  
Jacobs, Ian G.  
VARbusiness, v13, n12, p41(1)  
July 15, 1997  
DOCUMENT TYPE: Product Announcement ISSN: 0894-5802 LANGUAGE:  
English RECORD TYPE: Abstract

ABSTRACT: Lotus has introduced Weblicator, a powerful \$29 offline browsing tool that helps users manage **Web information** and avoid slow connections and busy servers. It is ideal for mobile users and runs under Windows...

...0 and later. Users can create a schedule for when they want the product to access specific **Web pages** and **copy** them to the local hard drive. A monitoring facility allows easy tracking of updates to selected pages...

**25/3,K/16 (Item 8 from file: 275)**  
DIALOG(R) File 275:Gale Group Computer DB(TM)  
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02084610 SUPPLIER NUMBER: 19609687 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Push back. (push technology) (Internet/Web/Online Service Information) (Column)**  
Seymour, Jim  
PC Magazine, v16, n14, p93(2)  
August, 1997  
DOCUMENT TYPE: Column ISSN: 0888-8507 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1224 LINE COUNT: 00094

TEXT:

...The idea is simple, if oddly perverse: Instead of you going out and finding things on the **Web content** is automatically delivered to your desktop, in the background, while your Web connection is active. At first ...

...pretty wonderful. No more searching, no more twiddling your thumbs while some huge file comes down the **pipe**. No more forgetting to check for an update. Stuff just appears.

**25/3,K/36 (Item 5 from file: 636)**  
DIALOG(R) File 636:Gale Group Newsletter DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

03591161 Supplier Number: 47433887 (USE FORMAT 7 FOR FULLTEXT)  
**LOTUS SHIPS NEW INTERNET PRODUCT OFFERINGS**  
Telecomworldwire, pN/A  
June 2, 1997  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 235

LOTUS DEVELOPMENT CORP is now shipping its new **web information**

enabling Global 2500 companies to optimize scalable distribution and delivery of TV-quality streaming video, **web content** and interactive applications over their existing private IP networks. Digital **Pipe** offers a total outsourced solution called nCORE(TM) (intranet Content Optimization and Replication Engine), which includes the infrastructure, applications, content and services required to build and maintain an iCDN. Digital **Pipe**'s customers are up-and-running in a matter of weeks with little or no dedicated resources...

25/3,K/52 (Item 3 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

08338704 Supplier Number: 70486072 (USE FORMAT 7 FOR FULLTEXT)  
**Corporate Profile for Digital Pipe, Inc., dated Feb. 16, 2001.**  
Business Wire, p2017  
Feb 16, 2001  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 204

... number: 650/627-5102  
E-mail address: fab@digitalpipe.net

Industry: Content Delivery -- Enterprise

Company description: Digital **Pipe**, based in Foster City, CA, is the leading provider of intranet-based Content Delivery Network (iCDN) solutions, enabling Global 2500 companies to optimize scalable distribution and delivery of TV-quality streaming video, **web content** and interactive applications over their existing private IP networks. Digital **Pipe** offers a total outsourced solution called nCORE(TM); (intranet Content Optimization and Replication Engine), which includes the infrastructure, applications, content and services required to build and maintain an iCDN. Digital **Pipe**'s customers are up-and-running in a matter of weeks with little or no dedicated resources...

25/3,K/54 (Item 5 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

08278185 Supplier Number: 69956364 (USE FORMAT 7 FOR FULLTEXT)  
**Digital Pipe and Activate Team to Deliver Enterprise Streaming Via an End-to-End Network; Unparalleled Streaming Technologies Satisfy Needs of Enterprise Business Users Worldwide.**  
Business Wire, p2017  
Feb 5, 2001  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 931

... or its services, please visit [www.activate.com](http://www.activate.com) or call 206/830-5300.

About Digital Pipe

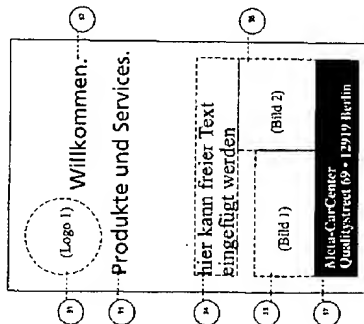
Digital **Pipe**, Inc., based in Foster City, CA, is the leading provider of intranet-based content delivery network (iCDN) solutions, enabling Global 2500 companies to optimize scalable distribution and delivery of TV-quality streaming video, **web content** and interactive applications over their existing private IP networks. Digital **Pipe** offers a total outsourced solution called nCORE(TM) (intranet Content Optimization and Replication Engine), which includes the infrastructure, applications, content and services required to build and maintain an iCDN. Digital **Pipe**'s customers are up-and-running in a matter of weeks with little or no dedicated resources...

- |    |                                                                                        |
|----|----------------------------------------------------------------------------------------|
| 11 | Erreihen bei konstantem Druck ( $p_{\text{ext}}$ ), dass die Reaktion spontan abläuft. |
| 12 | Erreihen von geschlossenem Systemen mittels der 1. Hauptsatz.                          |
| 13 | Erreihen einer isothermen Kompression aus dem gasförmigen Zustand.                     |
| 14 | Zuordnung einer beliebigen Komponente zu einem bestimmten Stoffzustand.                |
| 15 | Erreihen der maximalen Verdichte (Temperatur).                                         |
| 16 | Speichern des kugelförmigen Zustandes.                                                 |

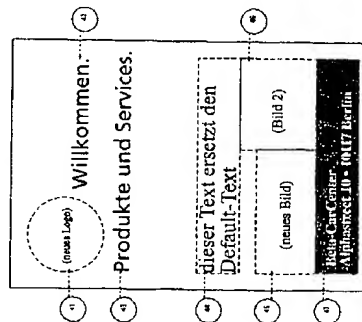
**Fig. 1**

- |    |                                                               |
|----|---------------------------------------------------------------|
| 21 | Erstellen des Protokolls, z. Bsp. 4.01, 12.01, 11.01 oder     |
| 22 | Beurteilung der Ergebnisse der Analyse                        |
| 23 | Erstellen einer Zusammenfassung der erzielten Ergebnisse      |
| 24 | Zusammenfassung der Ergebnisse der Analyse in einem Protokoll |
| 25 | Erstellen des Protokolls der erzielten Ergebnisse             |
| 26 | Erstellen des Protokolls der erzielten Ergebnisse             |
| 27 | Erstellen des Protokolls der erzielten Ergebnisse             |
| 28 | Nach einer Analyse der Ergebnisse der Analyse der Ergebnisse  |
| 29 | Erstellen des Protokolls der erzielten Ergebnisse             |

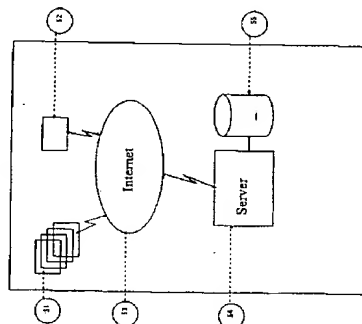
**Fig.2**



**Fig. 3**



**Fig. 4**



**Fig. 5**